

Your Complete Partner for Cutting-Edge Life Science Research

AcroBiosystems empowers academic researchers with premium recombinant proteins, antibodies, stable cell lines, cell culture reagents, assay kits, viral reagents, and organoid solutions — all rigorously QC-tested for reproducibility and bioactivity. Trusted by 3,000+ institutions across 60+ countries.

20,000+

Products & SKUs

3,000+

Institutions Served

10,000+

Peer Publications

60+

Countries Reached

Recombinant Proteins & Antibodies

Category	Key Examples	Applications
Cytokines & Growth Factors	IL-2, IL-6, IL-10, TNF- α , IFN- γ , EGF, FGF-2, VEGF, TGF- β , M-CSF	Signalling, proliferation, differentiation, co-culture
Immune Checkpoint Proteins	PD-1, PD-L1, CTLA-4, LAG-3, TIM-3, TIGIT, VISTA, CD47, SIRP α	Immuno-oncology, checkpoint blockade, bispecific Ab studies
Tagged & Fc-Fusion Proteins	His-Tag, Fc-Tag, Avi-Tag, Biotinylated; SPR & BLI-ready formats	Drug binding kinetics, SPR/BLI, ELISA, flow cytometry
Monoclonal Antibodies	Anti-PD-1, PD-L1, HER2, EGFR, VEGF, CD3, CD19, CD20, TIGIT, LAG-3	WB, ELISA, IHC, IF, flow cytometry, immunoprecipitation
Nano-Antibodies (VHH)	Camelid single-domain antibodies; high stability, small molecular weight	Structural studies, super-resolution imaging, intrabodies

Stable Cell Lines & Cell Culture Reagents

Stable Cell Lines	Cell Culture Reagents
• HEK293 & CHO lines stably expressing PD-1, PD-L1, CD19, HER2, EGFR, CD47, VEGFR2 • Jurkat & reporter lines for T cell activation, NF-κB, NFAT pathway assays • FACS-validated surface expression; functional binding confirmed • Frozen vials with optimised culture protocols & COA — ready to use • Custom stable cell line engineering for novel or proprietary targets	• Serum-free & animal-free basal media for CHO, HEK293, Jurkat, NSO, Sf9, Hi5 • Recombinant Albumin (rAlbumin) — consistent, pathogen-free BSA replacement • Lipid supplements, cholesterol, antioxidants & trace element solutions • Feed media & nutrient supplements for high-density protein expression • Cryopreservation solutions — cell-line validated, DMSO-free options available

Additional Product Highlights

Biosimilar Reference Standards	Validated reference proteins for adalimumab, trastuzumab, bevacizumab, pembrolizumab — essential for comparability and biosimilar development studies
Receptor Tyrosine Kinase (RTK) Panel	FGFR1-4, VEGFR1-3, MET, AXL, RET expressed proteins & antibodies; phospho-specific variants; kinase activity assays
CAR-T & Adoptive Cell Therapy Tools	CD19, CD20, BCMA, GD2, Mesothelin antigens & antibodies; T cell activation reagents; cytotoxicity assay components
Neuroscience Research Tools	BDNF, NGF, NT-3, GDNF, Wnt ligands; APP, α -Synuclein, Tau proteins; neurotrophin signalling antibodies

Kits & Assay Reagents

ELISA Kits	Binding & Functional Kits	Detection & Labelling Kits
- Cytokine & growth factor sandwich ELISA kits (ready-to-use) - Immune checkpoint ELISA: PD-1, PD-L1, CTLA-4, TIM-3, LAG-3 - Validated in serum, plasma & cell supernatants - High sensitivity; all reagents + standard curves included	- Competitive binding assay kits: PD-1/PD-L1, CD28/CD80, LAG-3/MHC-II - Cell-based reporter assay kits for immune pathway activation - SPR & BLI-compatible biotinylated protein pairs - Flow cytometry panels for checkpoint receptor phenotyping	- Site-specific protein biotinylation kits (enzymatic & chemical) - Fluorescent labelling kits — FITC, PE, APC, Alexa Fluor dyes - Protein A/G magnetic bead pull-down & IP kits - ECL Western blot detection kits with optimised blocking buffers

Viral Antigens, Antibodies & Kits

Pathogen / Target	Available Products	Applications
SARS-CoV-2 / COVID-19	Spike, RBD (WT, Delta, Omicron, XBB.1.5), Nucleocapsid, ACE2, anti-Spike mAbs	Neutralisation assays, serology, drug discovery, vaccine R&D;
Influenza A & B	Haemagglutinin (HA), Neuraminidase (NA), Nucleoprotein; subtype-specific mAbs	Diagnostic development, vaccine efficacy, antiviral screening
HIV / RSV / EBV / CMV	Envelope glycoproteins, capsid/structural antigens, neutralising antibody panels	Immunology research, antiviral drug screening, serology
Mpox / Dengue / Zika / Hanta	Surface glycoproteins, structural proteins, paired antibody kits for sandwich ELISA	Emerging pathogen research, point-of-care diagnostic kits

Organoid Research Solutions & Why AcroBiosystems

- Basement membrane extracts (BME) — defined, animal-free Matrigel alternatives - Recombinant Wnt3a, R-spondin-1/3, Noggin, EGF — critical niche signalling proteins - Intestinal, liver, pancreatic, lung & brain organoid culture kits - ECM proteins: Laminin-511, Collagen IV, Fibronectin (xeno-free options available) - Organoid dissociation enzymes, passaging reagents & recovery buffers - Tumour organoid co-culture supplements for drug response modelling	Rigorous QC HPLC, SDS-PAGE, bioassay & endotoxin on every lot; full COA provided 10,000+ Citations Published in top journals; validated globally by academic & pharma institutions Flexible Pack Sizes 2 µg – 1 mg formats; volume discounts for research groups 20,000+ SKUs Oncology, neuroscience, infectious disease, stem cell biology & more Technical Support Scientific team for product selection, assay design & troubleshooting
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Other Specialised Research Tools

Biosimilar Reference Standards	CAR-T & Cell Therapy Tools	Neuroscience Research Tools
- Reference proteins for adalimumab, trastuzumab, bevacizumab, pembrolizumab - Validated for comparability & characterisation studies	- CD19, CD20, BCMA, GD2, Mesothelin antigens & antibodies - T cell activation & co-stimulatory proteins (CD80, CD86, 4-1BBL)	- BDNF, NGF, NT-3, GDNF, CNTF, Wnt ligands & pathway proteins - APP, α-Synuclein, Tau proteins for neurodegeneration studies

Request a Quote or Sample

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