

Premium grade bioactive proteins: achieve results you can trust

A market-leading range of bioactive proteins to meet clinical and manufacturing standards

Building proteins you can rely on

Finding contaminant-free, correctly folded proteins can be challenging.

That's why we're continually developing our catalog of premium grade, commercially available proteins, so you can access the quality reagents you need.

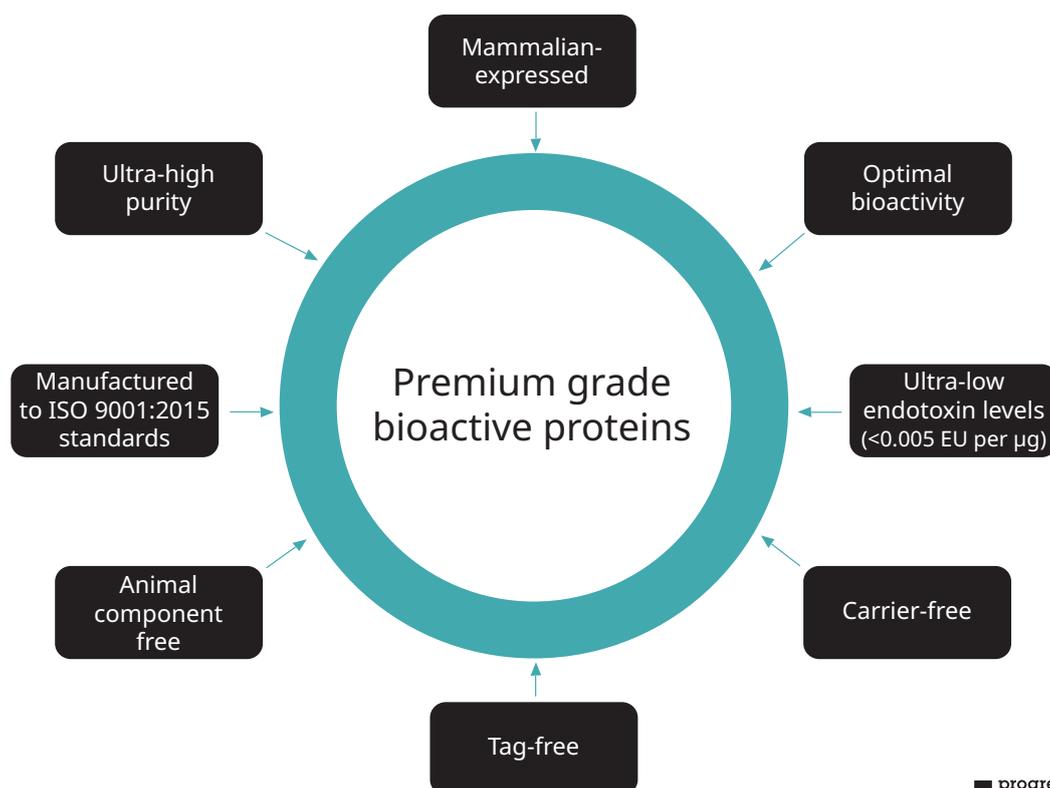
“We wanted this range of proteins to be identical to native human proteins, which means tag-free, with the correct folding and post-translational modifications to guarantee optimal bioactivity and stability.”

Head of Protein Sciences, Abcam

Unrivaled specification. Outstanding performance.

We generate our premium grade proteins exclusively in mammalian expression systems, making them ideal for preclinical and functional studies. Mammalian-expressed proteins are effectively identical to the human native version and guarantee ultra-low endotoxin levels.

To ensure optimal bioactivity, we use robust in-house production and comprehensive validation processes, so you can use less of the product and get the same result.



Reliable results from start to finish

Cell culture products need to perform consistently throughout drug discovery. That's why we make our proteins to the highest reproducible standards, so you receive the same product time after time.

Demonstrated consistency across three independent batches of TNF α (ab259410)

Purity RP-HPLC

Mass (kDa) (LC-MS)

Inhibitory/killing bioassay

Batch 1 ~100%

17.410 (+0.2)

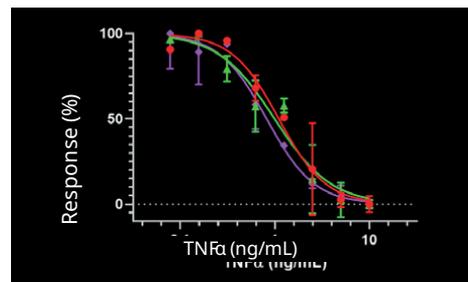
Batch 2 ~100%

17.410 (+0.2)

Batch 3 ~100%

17.411 (+1.2)

Purity, RP-HPLC, reverse phase high performance liquid chromatography kDa, kilodaltons; LC-MS, liquid chromatography-mass spectrometry



Each color represents a different batch. ED50 is determined by dose-dependent apoptosis of L-929 cells, which corresponds to a specific activity. Activity for each batch is compared to that of the corresponding protein from the NIBSC (<https://www.nibsc.org/>).

Set new standards. See the difference.



Search our growing catalog of premium grade cytokines and growth factors

abcam.com/bioactive-proteins

progress happens together
abcam