

Bioactive

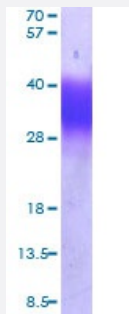
HuPro®

Epo (Rat) Recombinant Protein

Catalog # P6987

Size 100 ug

Applications



Result of bioactivity analysis

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Epo (Rat) Recombinant Protein (Cat # P6987) stimulates cell proliferation of the TF-1 human erythroleukemic cells. The ED50 range ≤ 2 ng/mL.

Specification

Product Description	Rat Epo (NP_058697.1, 27 a.a.- 192 a.a.) partial recombinant protein with C-terminal His tag expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	19.6
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method).

Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED ₅₀ range ≤ 2 ng/mL.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	Bioactivity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis Epo (Rat) Recombinant Protein (Cat # P6987) stimulates cell proliferation of the TF-1 human erythroleukemic cells. The ED ₅₀ range ≤ 2 ng/mL.

Applications

- SDS-PAGE

Gene Info — Epo

Entrez GeneID	24335
Protein Accession#	NP_058697.1
Gene Name	Epo
Gene Alias	-
Gene Description	erythropoietin
Gene Ontology	Hyperlink
Other Designations	-