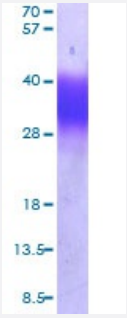
Bioactive HuPro®

# Epo (Rat) Recombinant Protein

Catalog # P6987 Size 100 ug

## Applications




### 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 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). |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **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<br>SDS-PAGE<br>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<br>Result of bioactivity analysis<br>Epo (Rat) Recombinant Protein (Cat # P6987) stimulates cell proliferation of the TF-1 human erythrol eukemic cells. The ED50 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** | - |

Copyright © 2023 Abnova Corporation. All Rights Reserved.