

EPO, Human CellExp™, human recombinant

CATALOG #:	6447-10	10 µg
	6447-50	50 µg
ALTERNATE NAMES:	Erythropoietin-Alpha, EPO-a, EPO-alpha, Epoetin, EP, MGC138142.	
SOURCE:	Human 293 Cell Expressed	
PURITY:	> 95% by SDS - PAGE	
MOL. WEIGHT:	36 kDa, monomer, glycosylated	
ENDOTOXIN LEVEL:	< 1.0 EU per 1 µg of protein	
FORMULATION:	Lyophilized from a PBS solution.	
RECONSTITUTION:	Reconstitute in sterile PBS containing 0.1% endotoxin-free, recombinant human serum albumin.	

STORAGE CONDITIONS:

Aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

ADVANTAGES:

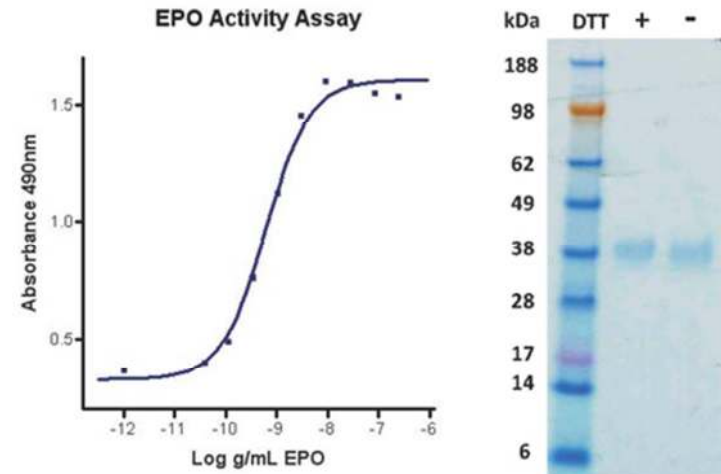
- Animal-derived product free
- High Activity
- Authentic Glycosylation

DESCRIPTION:

Erythropoietin is a member of the EPO/TPO family. EPO is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types.

BIOLOGICAL ACTIVITY:

ED₅₀ is typically 0.5 to 2.5 ng/mL. The specific activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).



Human Cell^{exp} Human Recombinant EPO

RELATED PRODUCTS:

- EPO-alpha, human recombinant (Cat # 4763-50, -1000)
- EPO-alpha, human recombinant (Cat # 4764-10, -500)
- EPO-beta, human recombinant (Cat # 4766-500, -1000)

FOR RESEARCH USE ONLY! Not to be used in humans.