

Recombinant Human EPO Protein (Met1-Arg193), C-Fc tagged

Cat. No. EPO-4083H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EPO (Met1-Arg193) fused with C-Fc tag was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	Met1-Arg193
Description	Hormone involved in the regulation of erythrocyte proliferation and differentiation and the maintenance of a physiological level of circulating erythrocyte mass. Binds to EPOR leading to EPOR dimerization and JAK2 activation thereby activating specific downstream effectors, including STAT1 and STAT3.
Form	Lyophilized powder/frozen liquid
Molecular Mass	49 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	EPO erythropoietin [Homo sapiens (human)]
Official Symbol	EPO
Synonyms	EPO; erythropoietin; EP; epoetin; MVCD2; MGC138142;
Gene ID	2056
mRNA Refseq	NM_000799
Protein Refseq	NP_000790
MIM	133170
UniProt ID	P01588
SDS-PAGE	