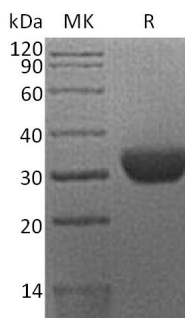


Summary

Name	Platelet Receptor EPO-R/Erythropoietin R/EpoR
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Erythropoietin Receptor is produced by our Mammalian expression system and the target gene encoding Ala25-Pro250 is expressed with a 6His tag at the C-terminus.
Accession #	P19235
Host	Human Cells
Species	Human
Predicted Molecular Mass	25.9 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 8% Trehalose, 2% Mannitol, 50 mM NaCl, 0.05% Tween 80, pH8.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Product Name: Recombinant Human EPO-R (C-6His)
Catalog #: PHH2016



Alternative Names

EpoR; EPO-R; Erythropoietin R; erythropoietin receptor; MGC138358

Background

Erythropoietin (Epo), a glycoprotein produced primarily by the kidney, is the principal factor that regulates erythropoiesis by stimulating the proliferation and differentiation of erythroid progenitor cells. The biological effects of Epo are mediated by the erythropoietin receptor (Epo R). The presence of a soluble form of the Epo R has also been detected on human sera. Recombinant soluble Epo R binds Epo with high affinity and is a potent Epo antagonist.

Note

For Research Use Only , Not for Diagnostic Use.