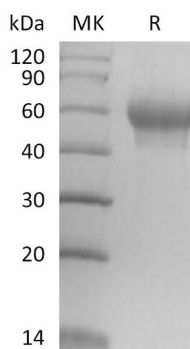


Summary

Name	IL-6 R alpha/IL-6RA/CD126/IL-6 Receptor Subunit alpha
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Interleukin-6 receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Leu20-Pro364 is expressed with a 6His tag at the C-terminus.
Accession #	P22272
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	38.9 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
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 100μg/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 Mouse IL-6RA (C-6His)
Catalog #: PHM2249



Alternative Names

Interleukin-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6R 1; Membrane glycoprotein 80; gp80; CD126

Background

Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. IL6Ra is a part of the receptor for interleukin 6 cytokine. IL6Ra binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitates an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer.

Note

For Research Use Only , Not for Diagnostic Use.