Product Name: Recombinant Human OSMRB (C-6His)
Catalog #: PHH0922

Summary

Name	IL-31RB/OSMRB
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Oncostatin-M-Specific Receptor Subunit Beta is produced by our Mammalian expression system and the target gene encoding Glu28-Ser739 is expressed with a 6His tag at the C-terminus.
Accession #	Q99650
Host	Human Cells
Species	Human
Predicted Molecular Mass	82.03 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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

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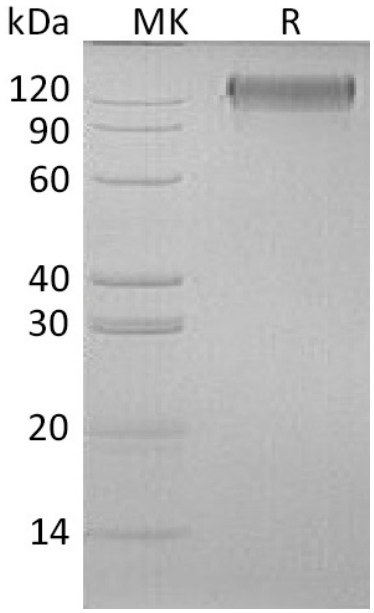

Alternative Names

Oncostatin-M-Specific Receptor Subunit Beta; Interleukin-31 Receptor Subunit Beta; IL-31 Receptor Subunit Beta; IL-31R Subunit Beta; IL-31R-Beta; IL-31RB; OSMR; OSMRB

Background

Oncostatin-M-Specific Receptor Subunit β (OSMRβ) is a 150 - 180 kDa member of the IL-6 receptor family. OSMRβ associates with gp130 to form the type II OSM receptor, the receptor is responsive to OSM. Gp130 subunit is shared by other IL-6 family cytokine receptors, and OSMRβ associates with gp130-like receptor (GPL) to form a receptor complex responsive to IL-31. The human OSMRβ cDNA encodes a 979 amino acid (aa) precursor, the precursor includes a 27 aa signal sequence, a 712 aa extracellular domain (ECD), a 22 aatransmembrane segment, and a 218 aa cytoplasmic domain. The ECD contains one partial and one complete hematopoietin domain, an Ig-like domain, and three Fibronectin type-III domains.

Note

For Research Use Only , Not for Diagnostic Use.