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Datasheet for ABIN7318848

**Oncostatin M Receptor Protein (OSMR) (AA 28-739) (His tag)**

## Overview

Quantity:	50 µg
Target:	Oncostatin M Receptor (OSMR)
Protein Characteristics:	AA 28-739
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Oncostatin M Receptor protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human OSMR/IL31RB Protein (aa 28-739, His Tag)
Sequence:	Glu28-Ser739
Characteristics:	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.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	Oncostatin M Receptor (OSMR)
Alternative Name:	OSMR/IL31RB ( <a href="#">OSMR Products</a> )

## Target Details

Background:	<p>Background: Oncostatin-M-Specific Receptor Subunit <math>\beta</math> (OSMR<math>\beta</math>) is a 150 - 180 kDa member of the IL-6 receptor family. OSMR<math>\beta</math> 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 OSMR<math>\beta</math> associates with gp130-like receptor (GPL) to form a receptor complex responsive to IL-31. The human OSMR<math>\beta</math> cDNA encodes a 979 amino acid (aa) precursor, the precursor includes a 27 aa signal sequence, a 712 aa extracellular domain (ECD), a 22 aa transmembrane 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.</p> <p>Synonym: 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,PLCA1</p>
Molecular Weight:	82.0 kDa
UniProt:	<a href="#">Q99650</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Growth Factor Binding</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>