

Datasheet for ABIN7583234

## **Oncostatin M Receptor Protein (OSMR) (AA 28-740) (Biotin,His-Avi Tag)**



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### Overview

Quantity:	100 µg
Target:	Oncostatin M Receptor (OSMR)
Protein Characteristics:	AA 28-740
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Oncostatin M Receptor protein is labelled with Biotin,His-Avi Tag.

### Product Details

Purpose:	Biotinylated Human OSMR Protein
Sequence:	Glu28-Met740
Characteristics:	Recombinant Biotinylated Human OSMR Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Glu28-Met740.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

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

## Target Details

Background:	OSMR is targeted to the mitochondrial matrix via the presequence translocase-associated motor complex components, mtHSP70 and TIM44. OSMR interacts with NADH ubiquinone oxidoreductase 1/2 (NDUFS1/2) of complex I and promotes mitochondrial respiration. Deletion of OSMR impairs spare respiratory capacity, increases reactive oxygen species, and sensitizes BTSCs to IR-induced cell death.
Molecular Weight:	84.03 kDa. Due to glycosylation, the protein migrates to 110-140 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q99650-1</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:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months