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Datasheet for ABIN7504493

Oncostatin M Receptor Protein (OSMR) (AA 28-740) (Fc Tag)

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 Fc Tag.

Product Details

Purpose:	Human OSMR Protein
Sequence:	Glu28-Met740
Characteristics:	Recombinant Human OSMR Protein is expressed from HEK293 with hFc 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 (OSMR Products)

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: 107.06 kDa. Due to glycosylation, the protein migrates to 120-140 kDa based on Tris-Bis PAGE result.

Pathways: [JAK-STAT Signaling, Growth Factor Binding](#)

Application Details

Restrictions: For Research Use only

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