

Active Recombinant Human OSMR protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. OSMR-4469H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human OSMR protein(Q99650-1)(28-740 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-740 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human OSMR beta, His Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-OSMR Antibody, hFc Tag with the EC50 of 4.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 84.03 kDa. Due to glycosylation, the protein migrates to 110-140 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [OSMR oncostatin M receptor \[Homo sapiens \]](#)

Official Symbol [OSMR](#)

Synonyms OSMR; oncostatin M receptor; oncostatin-M-specific receptor subunit beta; OSMRB; IL-31RB; IL-31R-beta; IL-31R subunit beta; IL-31 receptor subunit beta; interleukin-31 receptor subunit beta; oncostatin-M specific receptor beta subunit; PLCA1; MGC75127; MGC150626; MGC150627;

Gene ID [9180](#)

mRNA Refseq [NM_001168355](#)

Protein Refseq [NP_001161827](#)

MIM [601743](#)

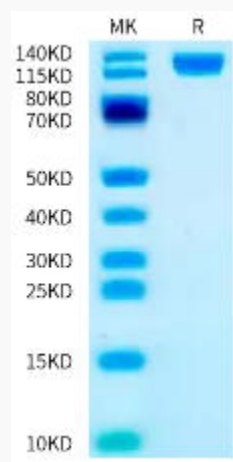
UniProt ID [Q99650](#)

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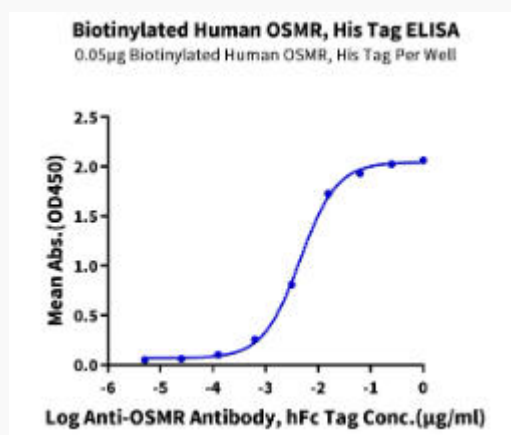
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Bis-Tris PAGE



ELISA Data



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