

Human OSMR beta-GPL fusion Protein



Cat. No. OSG-HM101

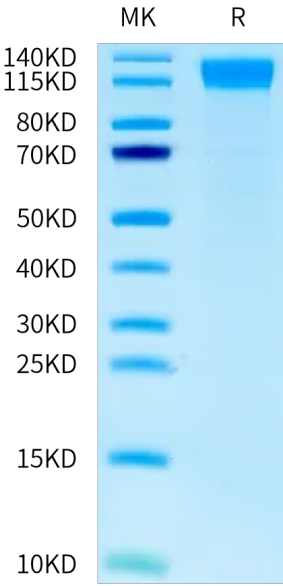
Description	
Source	Recombinant Human OSMR beta-GPL fusion Protein is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Ala428 (OSMR beta) and Leu21-Glu225 (GPL).
Accession	Q99650-1(OSMR beta)&Q8NI17-1(GPL)
Molecular Weight	The protein has a predicted MW of 75.84 kDa. Due to glycosylation, the protein migrates to 110-140 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-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.

Background	
OSMR involvement, together with Gp130-like receptor (GPL), also known as IL-31R, in the formation of a functional IL-31 receptor complex. OSMR-GPL fusion protein was designed to contain the domains of OSMR and GPL required for high affinity IL-31 binding.	

Assay Data

Bis-Tris PAGE

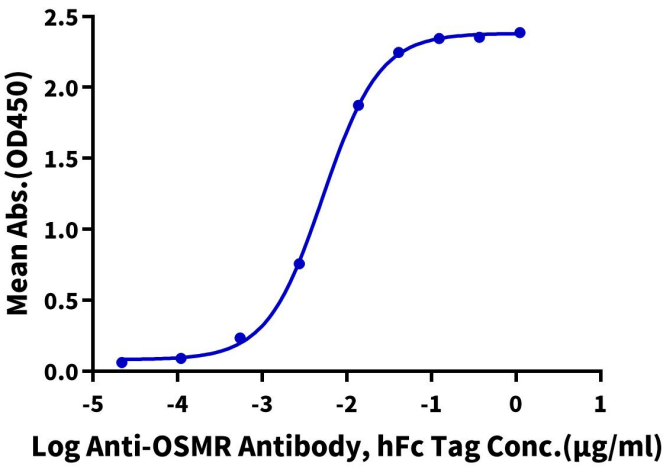


Human OSMR beta-GPL fusion Protein on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Human OSMR-GPL fusion Protein, His Tag ELISA

0.1µg Human OSMR-GPL fusion Protein, His Tag Per Well



Immobilized Human OSMR beta-GPL fusion Protein, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-OSMR Antibody, hFc Tag with the EC50 of 5.4ng/ml determined by ELISA.