Active Recombinant Mouse Osmr Protein, Fc Chimera

Cat. No. Osmr-1016M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Osmr (Accession # O70458), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Glu24
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.When Recombinant Mouse OSM R beta Fc Chimera is immobilized at 0.5 μg/mL and Recombinant Mouse gp130 Fc Chimera at 0.5 μg/mL (100 μl/well), the concentration of Recombinant Mouse Oncostatin M/OSM that produces 50% of the optimal binding response is approximately 0.2-1 ng/mL.
Molecular Mass	Recombinant Mouse Osmr, Fc Chimera has a calculated MW of 109 kDa (monomer). In SDS-PAGE migrates as 120-150 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	Osmr oncostatin M receptor [Mus musculus]
Official Symbol	Osmr
Synonyms	OSMR; oncostatin M receptor; oncostatin-M-specific receptor subunit beta; IL-31RB; IL-31R-beta; IL-31R subunit beta; oncostatin receptor; IL-31 receptor subunit beta; interleukin-31 receptor subunit beta; oncostatin-M specific receptor subunit beta; OSMRB;
Gene ID	18414
mRNA Refseq	NM_011019
Protein Refseq	NP_035149
MIM	

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