Recombinant Human OSMR protein, His & T7-tagged

Cat. No. OSMR-1759H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OSMR aa. (Gly513~Tyr760 (Accession # Q99650)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly513~Tyr760
Description	This gene encodes a member of the type I cytokine receptor family. The encoded protein heterodimerizes with interleukin 6 signal transducer to form the type II oncostatin M receptor and with interleukin 31 receptor A to form the interleukin 31 receptor, and thus transduces oncostatin M and interleukin 31 induced signaling events. Mutations in this gene have been associated with familial primary localized cutaneous amyloidosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.5kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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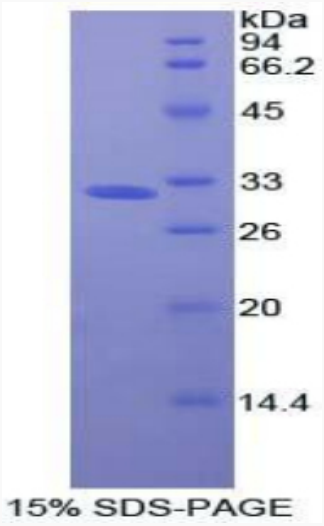
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	OSMR oncostatin M receptor [Homo sapiens (human)]
Official Symbol	OSMR
Synonyms	HBA1; hemoglobin subunit alpha 1; HBH; HBA-T3; hemoglobin subunit alpha; alpha one globin; alpha-2 globin chain; delta globin; hemoglobin alpha 1 globin chain; hemoglobin, alpha 1
Gene ID	9180
mRNA Refseq	NM_001168355.2

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Protein Refseq	NP_001161827.1
UniProt ID	Q99650



SDS-PAGE

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