

Product datasheet for **TP329911M**

OSMR (NM_001168355) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human oncostatin M receptor (OSMR), transcript variant 2, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC229911 representing NM_001168355
Red=Cloning site **Green**=Tags(s)

MALFAVFQTTFFLTLTLLSLRTYQSEVLAERLPLTPVSLKVSTNSTRQSLHLQWTVHNLPHYQELKMFVFIQ
ISRIETSNVIWVGNYSTTVKWNQVLHWSWESELPLECATHFVRIKSLVDDAKFPEPNFWSNWSWEEVSV
QDSTGQDILFVFPKDKLVEEGTNVTICYVSRNIQNNVSCYLEGKQIHGEQLDPHVTA FNLSVPPFIRNKG
TNIYCEASQGNVSEGKMGIVLFVSKVLEEPKDFSCETEDFKTLHCTWDPGTDALGWSKQPSQSYTLFES
FSGEKKLCTHKNWCNWQITQDSQETYNFTLIAENYLKRSVNIFNLTHRGETRVVTAHRGH

SGPTRRRLE**QKLISEEDLAANDILDYKDDDDK**V

Tag: C-Myc/DDK
Predicted MW: 40
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_001161827](#)
Locus ID: 9180



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UniProt ID: [Q99650](#)

Cytogenetics: 5p13.1

RefSeq ORF: 1026

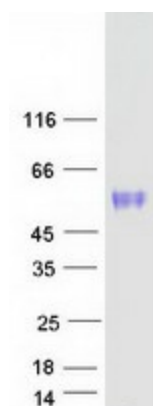
Synonyms: IL-31R-beta; IL-31RB; OSMRB; OSMRbeta; PLCA1

Summary: 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. [provided by RefSeq, Dec 2009]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

Product images:



Coomassie blue staining of purified OSMR protein (Cat# [TP329911]). The protein was produced from HEK293T cells transfected with OSMR cDNA clone (Cat# [RC229911]) using MegaTran 2.0 (Cat# [TT210002]).