

Recombinant Human OSMR Protein

Catalog #	Source	Reactivity	Applications
CRP2046	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human OSMR Protein is produced by our Mammalian expression system and the target gene encoding Glu28-Ser739 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Gene Symbol	OSMR
Alternative Names	OSMRB; Oncostatin-M-specific receptor subunit beta; Interleukin-31 receptor subunit beta; IL-31 receptor subunit beta; IL-31R subunit beta; IL-31R-beta; IL-31RB
Entrez Gene	9180 (Human)
SwissProt	Q99650 (Human)
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	ERLPLTPVSL KVSTNSTRQS LHLQWTVHNL PYHQELKMVF QIQISRIETS NVIWVGNYST TVKWNQVLHW SWESEPLEC ATHFVRIKSL VDDAKFPEPN FWSNWSSWEE VSVQDSTGQD ILFVFPKDKL VEEGTNVTIC YVSRNIQNNV SCYLEGKQIH GEQLDPHVTA FNLNSVPFIR NKG TNIYCEA SQGNVSEGMK GIVLFVSKVL EEPKDFSCET EDFKTLHCTW DPGTDALGW SKQPSQSYTL FESFSGEKKL CTHKNWCNWQ ITQDSQETYN FTLIAENYLR KRSVNILFNL THRVYLMNPF SVNFENVNAT NAIMTWKVHS IRNNFTYLCQ IELHGEGKMM QYNVSIKVNG EYFLSELEPA TEYMARVRCA DASHFWKWSE WSGQNFTTLE AAPSEAPDVW RIVSLEPGNH TVTLFWKPLS KLHANGKILF YNVVVENLDK PSSSELHSIP APANSTKLIL DRCSYQICVI ANNSVGASPA SVIVISADPE NKEVEEERIA GTEGGFSLSW KPQPGDVIGY VVDWCDHTQD VLGDFQWKNV GPNTTSTVIS TDAFRPGVRY DFRIYGLSTK RIACLEKKT GYSQELAPSD NPHVLVDTLT SHSFTLSWKD YSTESQPGFI QGYHVYLKSK ARQCHPRFEK

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

AVLSDGSECC KYKIDNPEEK ALIVDNLKPE SFYEFFITPF TSAGEGPSAT FTKVTTTPDEH
SSVDHHHHHH

Quality Control

Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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