

## Recombinant Human OSMR protein, His-tagged

**Cat. No.** OSMR-1240H    **Lot. No.** (See product label)

### SPECIFICATION

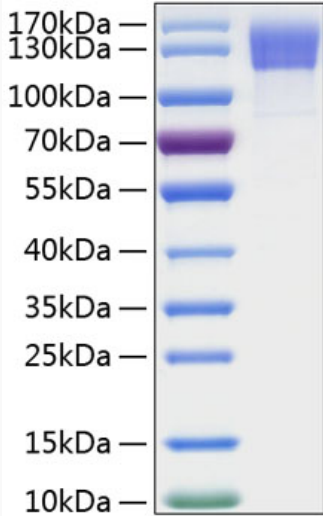
|                         |                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human OSMR/IL-31RB Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Glu28-Ser739) of human OSMR (Accession #NP_003990) fused with a 6×His tag at the C-terminus. |
| <b>Species</b>          | Human                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Glu28-Ser739                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                |
| <b>Molecular Mass</b>   | 120-140kDa                                                                                                                                                                                                                  |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                   |
| <b>Purity</b>           | > 92% by SDS-PAGE.                                                                                                                                                                                                          |
| <b>Storage</b>          | Store the lyophilized protein at -20°C to -80 °C for long term.<br>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.                                                 |
| <b>Reconstitution</b>   | Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.                                                                                                                                                |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | OSMR oncostatin M receptor [ Homo sapiens ]                                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | OSMR                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | OSMR; oncostatin M receptor; oncostatin-M-specific receptor subunit beta; OSMRB; IL-31RB; IL-31R-beta; IL-31R subunit beta; IL-31 receptor subunit beta; interleukin-31 receptor subunit beta; oncostatin-M specific receptor beta subunit; PLCA1; MGC75127; MGC150626; MGC150627; |
| <b>Gene ID</b>         | 9180                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_001168355                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_001161827                                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | 601743                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | Q99650                                                                                                                                                                                                                                                                             |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                                |

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