

# Active Recombinant Human OSMR protein, His-tagged

**Cat. No.** OSMR-2318H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human OSMR protein(Q99650-1)(Glu28-Met740) is expressed from HEK293 with His tag at the C-Terminus.                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 28-740 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                                       |
| <b>Bio-activity</b>     | Immobilized Human OSMR beta, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-OSMR Antibody, hFc Tag with the EC50 of 3.7ng/ml determined by ELISA.                                                     |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 82.2 kDa. Due to glycosylation, the protein migrates to 110-140 kDa based on Bis-Tris PAGE result.                                                                                             |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                                                                         |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC                                                                                                                                                                 |
| <b>Storage</b>          | Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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|                               |                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>         | Dissolve the lyophilized protein in distilled water.                                                                |
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_001161827.1">http://www.ncbi.nlm.nih.gov/protein/NP_001161827.1</a> |
| <b>Unit ID</b>                | Q99650                                                                                                              |
| <b>Unit ID-Weblink</b>        | <a href="https://www.uniprot.org/uniprotkb/Q99650">https://www.uniprot.org/uniprotkb/Q99650</a>                     |

## GENE INFORMATION

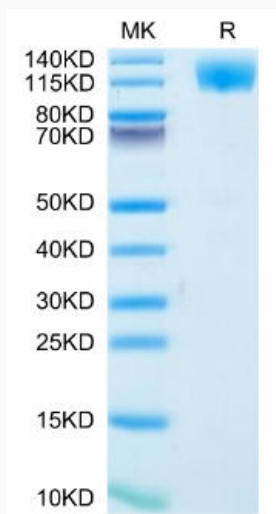
|                        |                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                                                                                                                                                                                                                                                                             |

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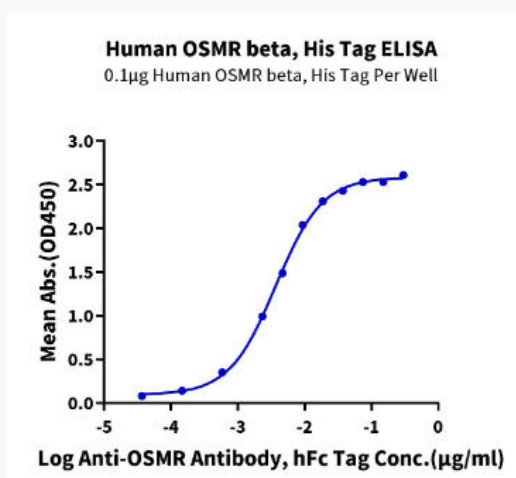
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## Bis-Tris PAGE



## ELISA Data



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