

# Active Recombinant Human Soluble IL6R protein, His-tagged, Low Endotoxin

**Cat. No.** IL6R-4627H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human Soluble IL6R protein(P08887-2)(Leu20-Pro355) is expressed from HEK293 with His tag at the C-terminus.                                                   |
| <b>Species</b>          | Human                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                           |
| <b>ProteinLength</b>    | 20-355 aa                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).                                                                                                                      |
| <b>Bio-activity</b>     | Immobilized Human IL-6, No Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human Soluble IL-6 R alpha, His Tag with the EC50 of 0.28µng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 39.14 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Bis-Tris PAGE result.                                              |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                      |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                 |
| <b>Storage</b>          | -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       |

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storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** IL6R interleukin 6 receptor [ Homo sapiens ]

**Official Symbol** IL6R

**Synonyms** IL6R; interleukin 6 receptor; interleukin-6 receptor subunit alpha; CD126; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-6 receptor subunit alpha; gp80; IL6RA; IL-6RA; IL-6R-1; MGC104991;

**Gene ID** 3570

**mRNA Refseq** NM\_000565

**Protein Refseq** NP\_000556

**MIM** 147880

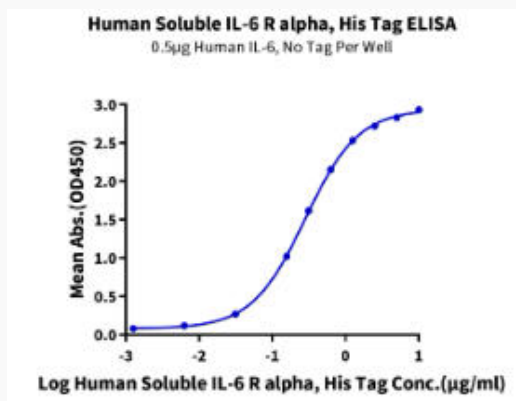
**UniProt ID** P08887

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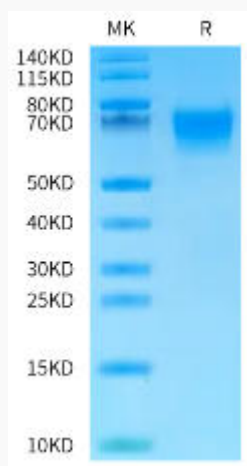
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## Activity



## SDS-PAGE



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