

## Active Recombinant Human IL6R protein (Met1-Pro365), hFc-tagged

Cat. No. IL6R-788H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IL6R (NP_000556.1) (Met1-Pro365) protein, fused with the Fc region of human IgG1 at the C-terminus, was expressed in HEK293 Cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-365 a.a.
<b>CommonName</b>	IL6R
<b>Predicted N Terminal</b>	Leu 20
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
<b>Bio-activity</b>	Measured by its ability to enhance the activity of IL6 on M1 mouse myeloid leukemia cells. The ED50 for this effect is typically 30-125 ng/mL in the presence of 100 ng/mL of recombinant human IL6.
<b>Molecular Mass</b>	The recombinant human IL6R consists of 584 amino acids and predicts a molecular mass of 65.3 kDa. As a result of glycosylation, it migrates as an approximately 70-100 kDa band in SDS-PAGE under reducing conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	IL6R interleukin 6 receptor [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	<a href="#">IL6R</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">3570</a>
<b>mRNA Refseq</b>	<a href="#">NM_000565</a>
<b>Protein Refseq</b>	<a href="#">NP_000556</a>

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<b>MIM</b>	147880
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<b>UniProt ID</b>	P08887
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