

# Recombinant Human IL6R Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** IL6R-2768H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	IL6R MS Standard C13 and N15-labeled recombinant protein (NP_852004) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. A pseudogene of this gene is found on chromosome 9.
<b>Molecular Mass</b>	40.2 kDa
<b>AA Sequence</b>	MLAVGCALLAALLAAPGAALAPRRCPAQEVARGVLTSLPGDSVTLTCPGVEPEDNA TVHWVLRKPAAGSHPSRWAGMGRLLLLRSVQLHDSGNYSYRAGRPAAGTVHLLV DVPPEEPQLSCFRKSPNSNVCEWGRSTPSLTTKAVLLVRKFQNSPAEDFQEPCQ YSQESQKFSCQLAVPEGDSSFYIVSMCVASSVGSKFSTQTFQGGILQPDPPANIT

 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

VTAVARNPRWLSVTWQDPHSWNSSFYRLRFELRYRAERSKTFTTWVMVKDLQHHC  
 VIHDAWSGLRHVVQLRAQEEFGQGEWSEWSPEAMGTPWTESRSPAENEVSTPM  
 QALTTNKDDDNILFRDSANATSLPGSRRRGSCGLTRTRPLEQKLISEEDLAANDILDY  
 KDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** IL6R interleukin 6 receptor [ *Homo sapiens* (human) ]

**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\_181359

**Protein Refseq** NP\_852004

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**MIM** 147880

**UniProt ID** P08887

**SDS-PAGE**



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