

Recombinant Full Length Human IL2RB Protein

Cat. No. IL2RB-5757HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL2RB full-length ORF (NP_000869.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	963 amino acids
Description	<p>The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein. [provided by RefSeq]</p>
Form	Liquid
Molecular Mass	61.1 kDa
AA Sequence	<p>MAAPALSWRLPLLILLPLATSWASAAVNGTSQFTCFYNSRANISCVWSQDGALQDT SCQVHAWPDRRRWNQTCELLPVSQASWACNLILGAPDSQKLTVDIVTLRVLCREG VRWRVMAIQDFKPFENLRLMAPISLQVVHVETHRCNISWEISQASHYFERHLEFEAR</p>

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

TLSPGHTWEEAPLLTLKQKQEWICLETLPDTQYEFQVRVKPLQGEFTTWSPWSQP
 LAFRTKPAALGKDTIPWLGHLLVGLSGAFGFILVYLLINCRNTGPWLKVKLCNTPDP
 SKFFSQLSSEHGGDVQKWLSSPFPSSSFSPGGLAPEISPLEVLERDKVTQLLLQQDK
 VPEPASLSSNHSLTSCFTNQGYFFFHLPDALEIEACQVYFTYDPYSEEDPDEGVAGA
 PTGSSPQPLQPLSGEDDAYCTFPSRDDLLLFSPSLLGGPSPSTAPGGSGAGEERM
 PPSLQERVPRDWDQPPLGPPTPGVPLVDFQPPPELVLREAGEEVPDAGPREGVS
 FPWSRPPGQGEFRALNARLPLNTDAYLSLQELQGQDPHTLV

Applications
 Antibody Production
 Functional Study
 Compound Screening

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name
[IL2RB interleukin 2 receptor, beta \[Homo sapiens \]](#)

Official Symbol
[IL2RB](#)

Synonyms
 IL2RB; interleukin 2 receptor, beta; IL15RB, interleukin 15 receptor, beta; interleukin-2 receptor subunit beta; CD122; p75; IL-2RB; CD122 antigen; IL-2R subunit beta; IL-2 receptor subunit beta; interleukin 15 receptor, beta; high affinity IL-2 receptor beta subunit; high affinity IL-2 receptor subunit beta; IL15RB; P70-75;

Gene ID
[3560](#)

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

 Email: info@creative-biomart.com
 Fax: 1-631-938-8127

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



mRNA Refseq	NM_000878
Protein Refseq	NP_000869
MIM	146710
UniProt ID	P14784

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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