

Recombinant human IL2 Receptor beta/p75 protein (Fc Chimera) ab84068

Description

Product name	Recombinant human IL2 Receptor beta/p75 protein (Fc Chimera)
Biological activity	ab84068 bound to protein A sepharose beads is able to pull down its ligand, IL2.
Purity	> 95 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	<u>P14784</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>Theoretical Sequence:</p> <p>AVNGTSQFTCFYNSRANISCVWSQDGALQDTSCQVHAW P DRRRWVWQ TCELLPVSQASWACNLILGAPDSQKLTTVDNLTSLVLCRE G VRWRVMAI QDFKPFENLRMAPISLQVVHVETHRCNISWEISQASHYF ERHLEFEART LSPGHTWEEAPLLTLKQKQEWICLETLPDTPQYEFQVR VKPLQGEFTTW SPWSQPLAFRTKPAALGIPKVDKKVEPKSCDKTHTTCP PCPAPELLGGPS VFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKF NWWVDGVEVHNAK TKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKV SNKALPAPIEKTIS KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKG FYPSDIAVEWESNG QPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQ GNVFSCSVMHEALH NHYTQKSLSLSPGK</p>
Amino acids	27 to 237
Additional sequence information	DNA sequence encoding the signal peptide and extracellular domain of human IL 2R beta (aa 1-237) was fused to the Fc region of human IgG1 (aa93-330). Protein expressed in modified human 293 cells.

Specifications

Our **Abpromise guarantee** covers the use of **ab84068** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized
Additional notes	ab84068 bound to protein A sepharose beads is able to pull down its ligand, IL2. This product was previously labelled as IL2 Receptor beta

Preparation and Storage

Stability and Storage	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. Constituents: 1% Human serum albumin, 10% Trehalose This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial. Following reconstitution short-term storage at 4°C is recommended, and longer-term storage of aliquots at -18 to -20°C. Repeated freeze thawing is not recommended.

General Info

Function	Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2.
Sequence similarities	Belongs to the type I cytokine receptor family. Type 4 subfamily. Contains 1 fibronectin type-III domain.
Domain	The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. The box 1 motif is required for JAK interaction and/or activation.
Cellular localization	Membrane.

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