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32-8548: Recombinant Human IL-2 Receptor Subunit a/IL-2RA/CD25 (C-6His)

Gene : IL2RA
Gene ID : 3559
Uniprot ID : P01589

Description

Source: Human Cells.
MW :22.8kD.
Recombinant Human IL-2 receptor alpha is produced by our Mammalian expression system and the target gene encoding Glu22-Cys213 is expressed with a 6His tag at the C-terminus. Interleukin-2 receptor subunit alpha (IL2RA) is a single-pass type I membrane protein, contains 2 Sushi (CCP/SCR) domains. The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	ELCDDDPPEIPHATFKAMAYKEGTMLNCECKRGFRRIKSGSLYMLCTGNSSHSSWDNQCQCTSSATRNTTKQ VTPQPEEQKERKTTEMQSPMQPVDQASLPGHCREPPPWENEATERIYHFVVGQMVYYQCVQGYRALHRGPAE SVCKMTHGKTRWTQPQLICTGEMETSQFPGEEKPQASPEGRPESETSCVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.