

Recombinant Human IL5RA Protein, MYC/DDK-tagged

Cat. No. IL5RA-2094H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IL5RA protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	<p>The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported. [provided by RefSeq, Jul 2011].</p>
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name IL5RA interleukin 5 receptor, alpha [Homo sapiens]

Official Symbol IL5RA

Synonyms CD125; CDw125; HSIL5R3; IL5R

Gene ID 3568

mRNA Refseq NM_000564

Protein Refseq NP_000555

MIM 147851

UniProt ID Q01344

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