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	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].
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

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

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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