

Recombinant Human IL5RA Protein (Asp21-Pro338), C-6×His-tagged

Cat. No. IL5RA-250H **Lot. No.** (See product label)

SPECIFICATION

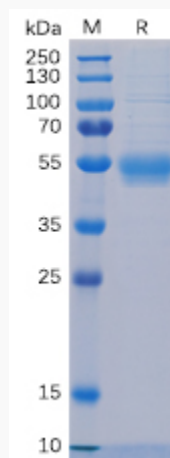
Product Overview	Recombinant Human IL5RA Protein (Asp21-Pro338) with C-6×His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp21-Pro338
Description	The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised 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.
Form	Lyophilized
Molecular Mass	37.0 kDa
Purity	> 90% as determined by SDS-PAGE and Coomassie blue staining.

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Storage	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 68 % trehalose is added as protectants before lyophilization.
GENE INFORMATION	
Gene Name	IL5RA interleukin 5 receptor, alpha [Homo sapiens (human)]
Official Symbol	IL5RA
Synonyms	IL5RA; interleukin 5 receptor, alpha; IL5R; interleukin-5 receptor subunit alpha; CD125; CDw125; CD125 antigen; IL-5R subunit alpha; IL-5 receptor subunit alpha; interleukin 5 receptor type 3; interleukin-5 receptor alpha chain; HSIL5R3; MGC26560;
Gene ID	3568
mRNA Refseq	NM_00564
Protein Refseq	NP_00555
MIM	147851
UniProt ID	Q01344

SDS-PAGE

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