

## Product datasheet for **TP723993**

### IL5RA Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Human IL5RA Protein, His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	IL5RA[Asp21-Pro338]+6×His tag
Tag:	C-6×His
Predicted MW:	37.0 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	3568
UniProt ID:	<a href="#">Q01344</a>
Summary:	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.



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## Product images:

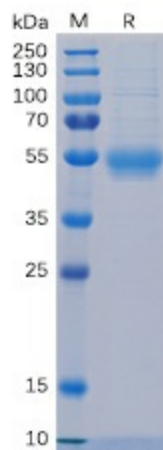


Figure 1. Human IL5RA Protein, His Tag on SDS-PAGE under reducing condition.