

Recombinant Human IL2RA protein, His-Avi-tagged

Cat. No. IL2RA-025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD25/IL-2R Protein is expressed from mammalian with a Poly-His and Avi Tag at the C-terminal. It contains Glu22-Cys213.
Species	Human
Source	HEK293
ProteinLength	It contains Glu22-Cys213 .
Description	Human IL-2 receptor alpha (IL-2 R alpha), also known as Tac antigen and as CD25, was initially identified as a 55 kDa membrane glycoprotein that is capable of binding IL-2.eceptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The Protein has a predicted MW of 24.6kDa. As a result of glycosylation, the protein migrates as 40-50 kDa under reducing (R) condition (Bis-Tris PAGE).
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

 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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL2RA interleukin 2 receptor, alpha [Homo sapiens]

Official Symbol IL2RA

Synonyms

CD25 antigen; CD25; IDDM10; IL-2 R alpha; IL-2 receptor subunit alpha; IL2R alpha; IL-2R subunit alpha; IL2R; IL2RA; IL-2Ra; IL-2-RA; IL2-RA; interleukin 2 receptor, alpha; interleukin-2 receptor subunit alpha; p55; TAC antigen; TCGFR

Gene ID 3559

mRNA Refseq NM_000417

Protein Refseq NP_000408

MIM 147730

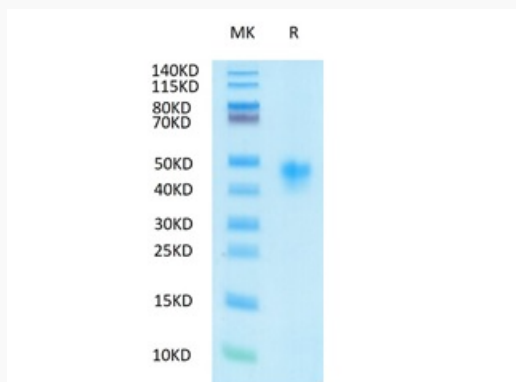
UniProt ID P01589

 Tel: 1-631-559-9269 1-516-512-3133

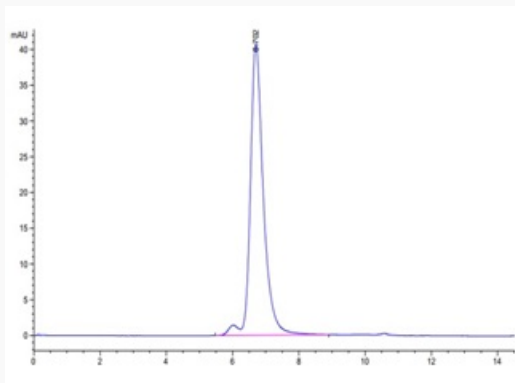
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Tris-Bis PAGE



HPLC data

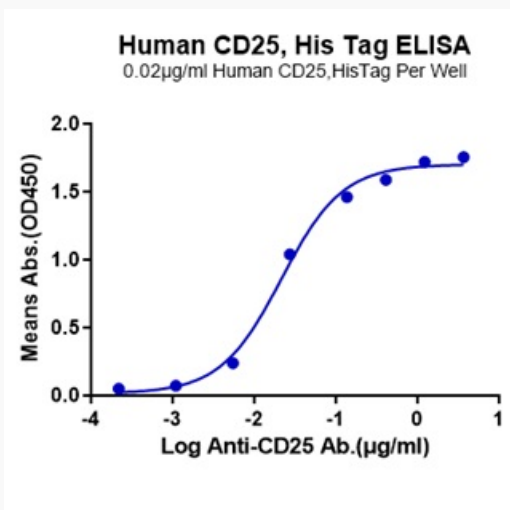


Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

ELISA data



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