

Active Recombinant Human FCER1A protein, His-tagged

Cat. No. FCER1A-725H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FCER1A protein(P12319-1)(Val26-Gln205) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	26-205 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human Fc epsilon RI alpha, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IgE, His-Avi Tag with the EC50 of 23.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 22.1 kDa. Due to glycosylation, the protein migrates to 48-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize 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 Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

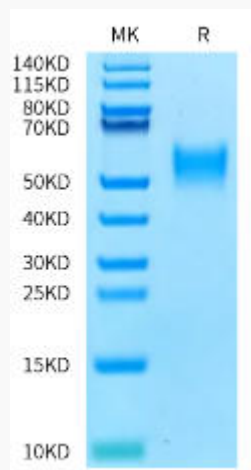
Gene Name	FCER1A Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide [Homo sapiens]
Official Symbol	FCER1A
Synonyms	FCER1A; Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide; FCE1A; high affinity immunoglobulin epsilon receptor subunit alpha; Fc-epsilon RI-alpha; Fc epsilon RI alpha-chain; igE Fc receptor subunit alpha; Fc IgE receptor, alpha polypeptide; high affinity immunoglobulin epsilon receptor alpha-subunit; immunoglobulin E receptor, high-affinity, of mast cells, alpha polypeptide; FcERI;
Gene ID	2205
mRNA Refseq	NM_002001
Protein Refseq	NP_001992
MIM	147140
UniProt ID	P12319

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

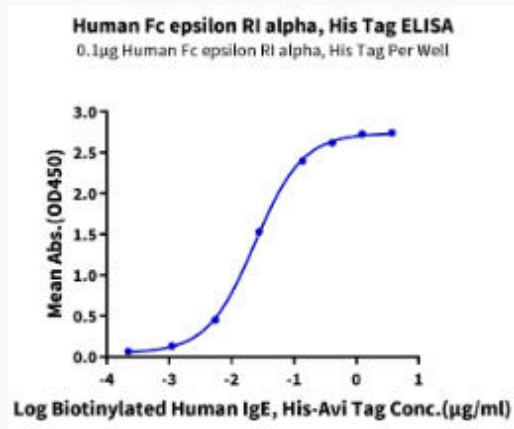
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Bis-Tris PAGE



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