Recombinant Human Fc-epsilon RI-alpha/FCER1A Protein

RPCB0616

Protein Information

Size:	100 µg	**Tag:**	C-hFc
Reactivity:	Human	**Expressed Host:**	E. coli
Calculated MW:	47.8 kDa	**Observerd MW:**	70-78 kDa

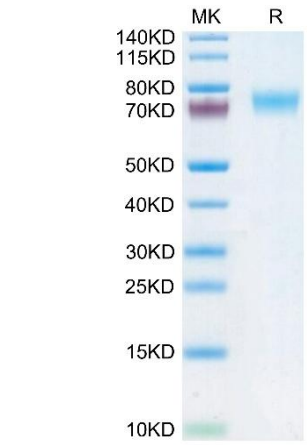
Background

Known susceptibility genes to atopy and asthma have been identified by linkage or associations with clinical phenotypes, including total serum IgE levels. IgE-mediated sensitivity reactions require a high-affinity IgE receptor (FcepsilonRI), which immobilizes the immunoglobulin on the surface of the effector cells, mostly mast cells and basophils. Similarly to the previously investigated beta subunit of the receptor, FCER1A is a good candidate for a quantitative trait locus (QTL) in allergic diseases, and appears to participate in the systemic regulation of IgE levels.

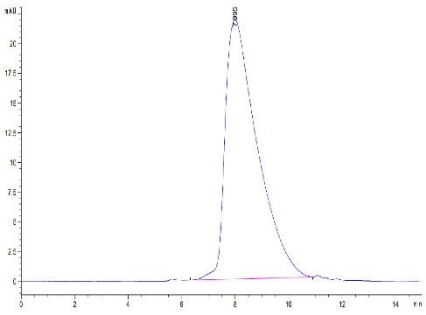
Properties

Synonyms:	Fc-epsilon RI-alpha, FcERI, FCER1A, FCE1A
Gene ID:	2205
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Fc-epsilon RI-alpha/FCER1A Protein (RPCB0616), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant Human Fc-epsilon RI-alpha/FCER1A Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human Fc epsilon RI alpha is greater than 95% as determined by SEC-HPLC.