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Fc epsilon RI/FCER1A Protein (AA 24-204) (Fc Tag)

Images



Overview

Quantity:	100 μg
Target:	Fc epsilon RI/FCER1A (FCER1A)
Protein Characteristics:	AA 24-204
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fc epsilon RI/FCER1A protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse Fc Epsilon RI alpha/FCER1a Protein
Sequence:	Ala24-Gln204
Characteristics:	Recombinant Mouse Fc Epsilon RI alpha/FCER1a Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Ala24-Gln204.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

Target Details

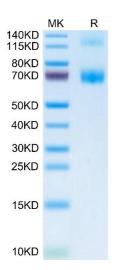
Target:	Fc epsilon RI/FCER1A (FCER1A)
Alternative Name:	Fc Epsilon RI alpha (FCER1A Products)

Target Details

Expiry Date:

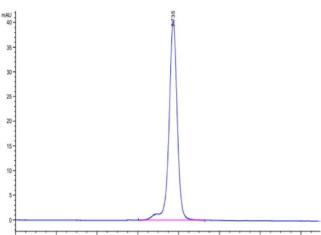
12 months

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.
47.7 kDa. Due to glycosylation, the protein migrates to 68-72 kDa based on Tris-Bis PAGE result.
P20489
Fc-epsilon Receptor Signaling Pathway, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
For Research Use only
Lyophilized
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
-20 °C,-80 °C
-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.



SDS-PAGE

Image 1. Mouse Fc Epsilon RI alpha/FCER1a on Tris-Bis PAGE under reduced condition. The purity is greater than $95\,\%$.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse Fc Epsilon RI alpha/FCER1a is greater than 95 % as determined by SEC-HPLC.