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FCER2 Protein (His tag)

2 Images



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Overview

Quantity:	100 μg
Target:	FCER2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCER2 protein is labelled with His tag.

Product Details

Sequence:	Asp48-Ser321
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.

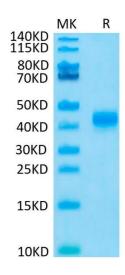
Target Details

Target:	FCER2
Alternative Name:	CD23 (FCER2 Products)
Background:	BLAST-2, CD23, CD23A, CLEC4J, FCE2, IGEBF, FCER2, FceRII, Fcr, Fcgr, Fc receptor, CLEC-6, CLECSF8, MCL, MGC40078, MPCL, Fcer2a, Ly-42,CD23 is the low-affinity receptor for immunoglobulin (Ig)E and plays important roles in the regulation of IgE responses. CD23 can be cleaved from cell surfaces to yield a range of soluble CD23 (sCD23) proteins that have pleiotropic cytokine-like activities.

Target Details

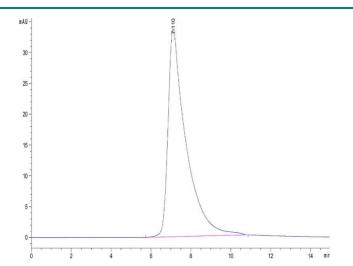
rarget Details	
Molecular Weight:	31.8 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Tris-Bis PAGE result
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human CD23/Fc epsilon RII 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 Human CD23/Fc epsilon RII is greater than 95 % as determined by SEC-HPLC.