

Datasheet for ABIN7274249

FCAR Protein (His tag)**2** Images[Go to Product page](#)

Overview

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

Product Details

Sequence:	Gln22-Asn227
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:	FCAR
Alternative Name:	CD89 (FCAR Products)
Background:	IgA Fc receptor, CD89, FCAR, CTB-61M7.2, FcαRI, Fc fragment of IgA,CD89 (Fc αRI) is the human myeloid IgA Fc receptor expressed on cells, such as neutrophils, eosinophils and monocytes/macrophages.CD89 is a transmembrane glycoprotein that binds both subclasses of IgA in all its molecular forms (i.e. monomeric, dimeric and secretory IgA) via a region of its membrane-distal EC1 domain.

Target Details

Molecular Weight:	24.6 kDa. Due to glycosylation, the protein migrates to 45-65 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_001991

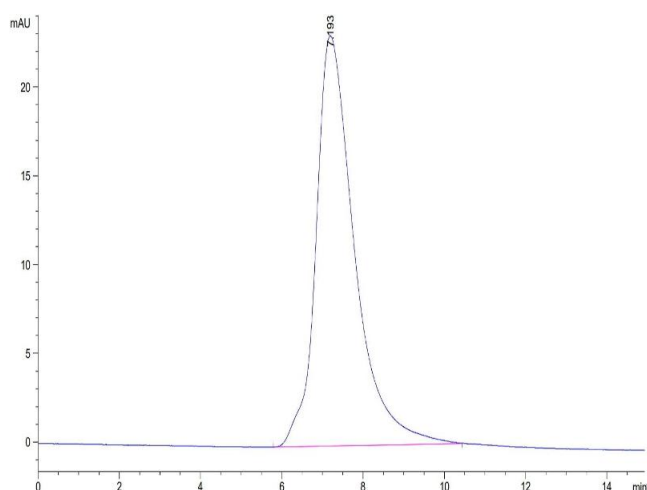
Application Details

Restrictions:	For Research Use only
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Handling

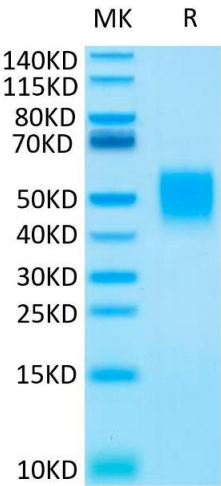
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % 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



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human CD89 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human CD89 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .