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## Datasheet for ABIN7519977 FCAR Protein (Fc Tag,His tag)

### Overview

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

### Product Details

Purpose:	Recombinant Human IgA Fc receptor/CD89 Protein
Sequence:	QEGDFPMPFI SAKSSPVIPL DGSVKIQCA IREAYLTQLM IIKNSTYREI GRRLKFWNET DPEFVIDHMD ANKAGRYQCQ YRIGHYRFRY SDTLELVVTG LYGKPFLSAD RGLVLMPCEN ISLTCSSAHI PFDRFSLAKE GELSLPQHQS GEHPANFSLG PVDLNVSGIY RCYGWYNRSP YLWSFPSNAL ELVVTDSIHQ DYTTON
Specificity:	Gln22-Asn227
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

### Target Details

Target:	FCAR
Alternative Name:	IgA Fc receptor/CD89 ( <a href="#">FCAR Products</a> )

## Target Details

Background:	<p>Description: This protein is a member of the immunoglobulin gene superfamily and receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p> <p>Name: FCAR,CD89,CTB-61M7.2,FcalphaRI</p>
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Gene ID:	2204
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UniProt:	<a href="#">P24071</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
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Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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Storage:	-20 °C,-80 °C
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Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>
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