

Datasheet for ABIN6388097
FCAR Protein (AA 22-227) (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	FCAR
Protein Characteristics:	AA 22-227
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCAR protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPQEGDFPM PFISAKSSPV IPLDGSVKIQ CQAIREAYLT QLMIIKNSTY REIGRRLKFW NETDPEFVID HMDANKAGRY QCQYRIGHYR FRYSDTLELV VTGLYGKPFL SADRGLVLMP GENISLTCSS AHIPFDRFSL AKEGELSLPQ HQSGEHPANF SLGPVDLNVS GIYRCYGWYN RSPYLWSFPS NALELVVTDS IHQDYTTQNH HHHHH
Purity:	> 85 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	FCAR
Alternative Name:	FCAR (FCAR Products)
Background:	FCAR, also known as immunoglobulin alpha Fc receptor isoform, is a member of the multichain

Target Details

immune recognition receptor family which is the most abundant immunoglobulin in mucosal areas but is only the second most common antibody isotype in serum. It plays a role in both pro- and anti-inflammatory responses depending on the state of IgA bound. It is also an important Fc receptor for neutrophil killing of tumor cells. When FCAR expressing neutrophils come into contact with IgA-opsonized tumor cells, the neutrophils not only perform antibody-dependent cell-mediated cytotoxicity, but also release the cytokines TNF-alpha and IL-1beta which cause increased neutrophil migration to the site. Recombinant human FCAR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight:	24.5kDa (215aa) 28-40kDa (SDS-PAGE under reducing conditions)
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NCBI Accession:	NP_001991
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UniProt:	P24071
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

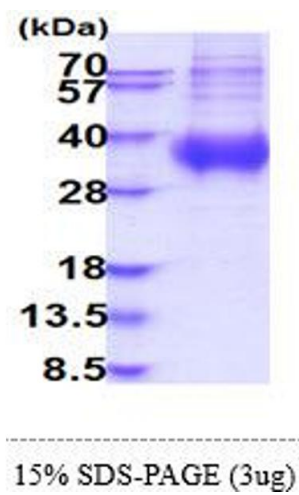
Format:	Liquid
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Concentration:	0.25 mg/mL
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Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
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SDS-PAGE
Image 1.