Datasheet for ABIN7281312

FCER2 Protein (AA 48-321) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	FCER2
Protein Characteristics:	AA 48-321
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCER2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPDTTQSLK QLEERAARNV SQVSKNLESH HGDQMAQKSQ STQISQELEE LRAEQQRLKS QDLELSWNLN GLQADLSSFK SQELNERNEA SDLLERLREE VTKLRMELQV SSGFVCNTCP EKWINFQRKC YYFGKGTKQW VHARYACDDM EGQLVSIHSP EEQDFLTKHA SHTGSWIGLR NLDLKGEFIW VDGSHVDYSN WAPGEPTSRS QGEDCVMMRG SGRWNDAFCD RKLGAWVCDR LATCTPPASE GSAESMGPDS RPDPDGRLPT PSAPLHSHHH HHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	FCER2
Alternative Name:	FCER2 (FCER2 Products)

Target Details

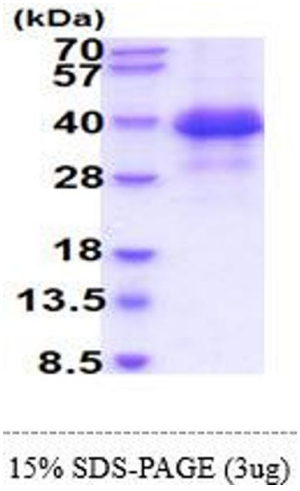
Background:	FCER2, also known as low affinity immunoglobulin epsilon Fc receptor isoform a, is a member of subgroup II of the C-type (Ca++-dependent) lectin superfamily. It is a low affinity receptor for B cell specific antigen and IgE. It plays an essential role in the growth and differentiation of B cells, and in the regulation of IgE production. This protein also exists in a soluble secretion form and functions as a powerful cleavage-promoting growth factor. Increased levels of soluble CD23 / FCER2 lead to the recruitment of unaffected B cells in the presentation of antigen peptides to allergen-specific B cells. Recombinant human FCER2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	32.0kDa (283aa) 28-40kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_001993
UniProt:	P06734
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.