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Datasheet for ABIN7519985 FCGR2B Protein (His tag)

Overview

Quantity:	100 µg
Target:	FCGR2B
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCGR2B protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Fc-gamma RIIB/CD32b Protein
Sequence:	THDLPKAVVK LEPPWIQVLK EDTVTLTCEG THNPGNSSTQ WFHNGRSIRS QVQASYTFKA TVNDSGEYRC QMEQTRLSDP VDLGVISDWL LLQTPQLVFL EGETITLRCH SWRNKLLNRI SFFHNEKSVR YHHYSSNFSI PKANHSHSGD YYCKGSLGRT LHQSKPVTIT VQGPKSSRSL P
Specificity:	Thr30-Pro210
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	FCGR2B
Alternative Name:	Fc-gamma RIIB/CD32b (FCGR2B Products)

Target Details

Background:	Description: The protein is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Name: CD32,CD32B,FCG2,FCGR2,IGFR2,Fcgr2b
Gene ID:	14130
UniProt:	P08101
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , BCR Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.