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Datasheet for ABIN7519982

FCGR2A Protein (His167Arg) (His tag)

Overview

Quantity:	10 µg
Target:	FCGR2A
Protein Characteristics:	His167Arg
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FCGR2A protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human Fc-gamma RIIa/CD32a(H167R) Protein
Sequence:	AAPPKAVLKL EPPWINVLQE DSVTLTCQGA RSPESDSIQW FHNGNLIPTH TQPSYRFKAN NNDSGEYTCQ TGQTSLSDPV HLTVLSEWLV LQTPHLEFQE GETIMLRCHS WKDKPLVKVT FFQNGKSQKF SHLDPTFSIP QANHSHSGDY HCTGNIGYTL FSSKPVTITV QVPSMGSSSP MGI
Specificity:	Ala36-Ile218(H167R)
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD32a at 1 µg/mL (100 µL/well) can bind biotinylated human IgG1 with a linear range of 30-250

Product Details

ng/mL.

Target Details

Target:	FCGR2A
Alternative Name:	Fc-gamma RIIa/CD32a (FCGR2A Products)
Background:	<p>Description: The member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.</p> <p>Name: FCGR2A,CD32,CD32A,CDw32,FCG2,FCGR2,FCGR2A1,FcGR,IGFR2</p>
Gene ID:	2212
UniProt:	P12318

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:	<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>