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Datasheet for ABIN6964411 FCGR2A Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	FCGR2A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCGR2A protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CD32a(R167) with C-terminal Human Fc tag
Specificity:	CD32a (R167) (Ala36-Ile218) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FCGR2A
Alternative Name:	CD32a (FCGR2A Products)
Background:	Synonymes: CD32, CD32A, CDw32, FCG2, FcGR, FCGR2, FCGR2A1, IGFR2 Description: This gene encodes one 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

Target Details

	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. [provided by RefSeq, Oct 2008]
Molecular Weight:	predicted molecular mass of 46.5 kDa after removal of the signal peptide. The apparent molecular mass of CD32a(R167)-hFc is 55-70 kDa due to glycosylation.
Gene ID:	2212
UniProt:	P12318

Application Details

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

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months