FCGR2A Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	FCGR2A, Lysate
Full Product Name	Human FCGR2A Protein Lysate
Product Gene Name	FCGR2A lysate
Product Synonym Names	FCGR2A; CD32; CD32A; CDw32; FCG2; FcGR; FCGR2; FCGR2A1; IGFR2
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	34,930 Da
OMIM	146790
3D Structure	ModBase 3D Structure for P12318
Related Product Information for FCGR2A lysate	Human FCGR2A Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of FCGR2A lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FCGR2A purchase	MBS8411674 is a lysate targeting FCGR2A. Also known as Human FCGR2A Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FCGR2A. It may not necessarily be applicable to this product.

NCBI GI #	50511936
NCBI GeneID	2212
NCBI Accession #	NP_067674
UniProt Primary Accession #	P12318
UniProt Secondary Accession #	Q8WUN1; Q8WW64
UniProt Related Accession #	P12318
GenBank Nucleotide #	NM_021642
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-a isoform 2
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIa, receptor (CD32)
NCBI Official Symbol	FCGR2A
NCBI Official Synonym Symbols	CD32; FCG2; FcGR; CD32A; CDw32; FCGR2; IGFR2; FCGR2A1
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-a

UniProt Synonym Protein Names	CDw32; Fc-gamma RII-a
Protein Family	Low affinity immunoglobulin gamma Fc region receptor
UniProt Gene Name	FCGR2A
UniProt Synonym Gene Names	CD32; FCG2; FCGR2A1; IGFR2; IgG Fc receptor II-a; Fc-gamma-RIIa; FcRII-a
UniProt Entry Name	FCG2A_HUMAN
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-a; Immunoglobulin G Fc receptor II; fc-gamma RII-a; fc-gamma-RIIa; fcRII-a; igG Fc receptor II-a
UniProt Comments for FCGR2A	FCGR2A: low affinity receptor for the Fc region of IgGs. Binding to IgG initiates cellular responses against pathogens and soluble antigens. A type I membrane protein found on monocytes, neutrophils and platelets. SHP-1 associates with this protein to modulate signaling events in myeloid cells. Protein type: Cell surface; Membrane protein, integral; Receptor, misc. Chromosomal Location of Human Ortholog: 1q23 Cellular Component: plasma membrane; integral to membrane Molecular Function: IgG binding Biological Process: innate immune response Disease: Systemic Lupus Erythematosus; Malaria, Susceptibility To
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