FCGR3A cDNA Clone – Of IgG, Low Affinity Iiia, Receptor (Cd16a) (Human)

PRODUCT OVERVIEW

Product Name	FCGR3A, cDNA Clone
Full Product Name	FCGR3A cDNA Clone
Product Gene Name	FCGR3A cdna clone
Sequence	atgtggcagc tgctcctccc aactgctctg ctacttctag tttcagctgg catgcggact gaagatctcc caaaggctgt ggtgttcctg gagcctcaat ggtacagggt gctcgagaag gacagtgtga ctctgaagtg ccagggagcc tactcccctg aggacaattc cacacagtgg tttcacaatg agagcctcat ctcaagccag gcctcgagct acttcattga cgctgccaca gtcgacgaca gtggagagta caggtgccag acaaacctct ccaccctcag tgacccggtg cagctagaag tccatatcgg ctggctgttg ctccaggccc ctcggtgggt gttcaaggag gaagacccta ttcacctgag gtgtcacagc tggaagaaca ctgctctgca taaggtcaca tatttacaga atggcaaagg caggaagtat tttcatcata attctgactt ctacattcca aaagccacac tcaaagacag cggctcctac ttctgcaggg ggcttgttgg gagtaaaaat gtgtcttcag agactgtgaa catcaccatc actcaaggtt tggcagtgtc aaccatctca tcattctttc cacctgggta ccaagtctct ttctgcttgg tgatggtact ccttttgca gtggacacag gactatattt ctctgtgaag acaaacattc gaagctcaac aagagactgg aaggaccata aatttaaatg gagaaaggac cctcaagaca aatga
Molecular Weight	29,089 Da
Sequence Positions	45-782. Mature full length protein.
OMIM	146740
Vector	pENTR223.1
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FCGR3A cdna clone	MBS1275756 is a cDNA clone targeting FCGR3A.
Other Notes	Small volumes of FCGR3A cdna clone 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FCGR3A. It may not necessarily be applicable to this product.

NCBI GI #	17389687
NCBI GeneID	2214
NCBI Accession #	BC017865
UniProt Secondary Accession #	Q53FJ0; Q53FL6; Q5EBR4; Q65ZM6; Q6PIJ0; A2N6W9
NCBI Official Full Name	Homo sapiens Fc fragment of IgG, low affinity IIIa, receptor (CD16a), mRNA
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III-A
UniProt Synonym Protein Names	CD16a antigen; Fc-gamma RIII-alpha; Fc-gamma RIII; Fc-gamma RIIIa; FcRIII; FcRIIIa; FcR-10; IgG Fc receptor III-2; CD_antigen: CD16a
Protein Family	Low affinity immunoglobulin gamma Fc region receptor
UniProt Gene Name	FCGR3A
UniProt Synonym Gene Names	CD16A; FCG3; FCGR3; IGFR3; Fc-gamma RIII; Fc-gamma RIIIa; FcRIII; FcRIIIa
UniProt Entry Name	FCG3A_HUMAN

UniProt Comments for FCGR3A	FCGR3A: Receptor for the Fc region of IgG. Binds complexed or aggregated IgG and also monomeric IgG. Mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 1q23 Cellular Component: external side of plasma membrane; plasma membrane Biological Process: immune response; regulation of immune response Disease: Immunodeficiency 20
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