

Recombinant Full Length Human FCGR2A Protein, C-Flag-tagged

Cat. No. FCGR2A-1225HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FCGR2A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.7 kDa
AA Sequence	MTMETQMSQNVCPRLWLLQPLTVLLLLASADSQAAPPKAVLKLEPPWINVLQEDS VTLTCQGARSPESD SIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSL DPVHLTVLSEWLVLQTPHLEFQEGETIML RCHSWKDKPLVKVTFQNGKSQKFSRL DPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVTITVQVPSMG SSSPMGIIVAVVIAT AVAAIVAVALIYCRKKRISANSTDPVKAAQFEPPGRQMIAIRKRQLEETNNDY ETADGGYMTLNPRAPTDDDKNIYLTLPNDHVNNSNTRTRPLEQKLISEEDLAANDIL DYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	ES Cell Differentiation/IPS, Transmembrane
Protein Pathways	Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus
Full Length	Full L.

GENE INFORMATION

Gene Name	FCGR2A Fc gamma receptor IIa [Homo sapiens (human)]
Official Symbol	FCGR2A
Synonyms	CD32; FCG2; FcGR; CD32A; CDw32; FCGR2; IGFR2; FCGR2A1; FcgammaRIIa
Gene ID	2212
mRNA Refseq	NM_021642.5
Protein Refseq	NP_067674.2

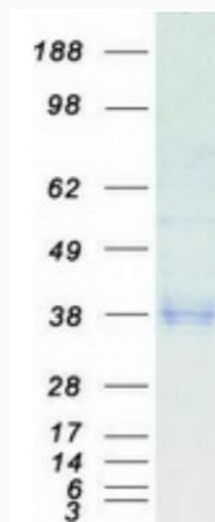
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MIM 146790

UniProt ID P12318



Coomassie blue staining of purified FCGR2A protein.

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