

Product datasheet for PH305786

CD32A (FCGR2A) (NM_021642) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FCGR2A MS Standard C13 and N15-labeled recombinant protein (NP_067674)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205786
Predicted MW:	34.7 kDa
Protein Sequence:	>RC205786 representing NM_021642 Red=Cloning site Green=Tags(s) MTMETQMSQNVCPRLWLLQPLTVLLLLASADSQAAPPKAVLKLEPPWINVLQEDSVTLTCQGARSPESD SIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIML RCHSWKDKPLVKVTFQNGKSQKFSRLDPTFSIPQANSHSGDYHCTGNIQYTLFSSKPVTITVQVPSMG SSSPMGIIVAVVIATAVAIAVAIVALIYCRKKRISANSTDPVKAQFEPGRQMIAIRKRQLEETNNDY ETADGGYMTLNPRAPTDDDKNIYLTLPNDHVNSNN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_067674
RefSeq Size:	2411
RefSeq ORF:	948
Synonyms:	CD32; CD32A; CDw32; FCG2; FcGR; FCGR2; FCGR2A1; IGFR2
Locus ID:	2212



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UniProt ID: [P12318](#)

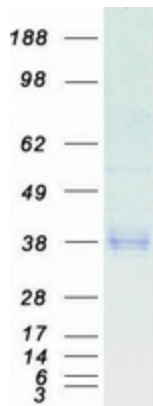
Cytogenetics: 1q23.3

Summary: 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. [provided by RefSeq, Oct 2008]

Protein Families: ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus

Product images:



Coomassie blue staining of purified FCGR2A protein (Cat# [TP305786]). The protein was produced from HEK293T cells transfected with FCGR2A cDNA clone (Cat# [RC205786]) using MegaTran 2.0 (Cat# [TT210002]).