

## Product datasheet for TP305786

### CD32A (FCGR2A) (NM\_021642) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fc fragment of IgG, low affinity IIa, receptor (CD32) (FCGR2A), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205786 representing NM_021642 Red=Cloning site Green=Tags(s)

MTMETQMSQNVCPNRLWLLQPLTVLLLLASADSQAAPPKAVLKLEPPWINVLQEDSVTLTCQGARSPE  
SIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIML  
RCHSWKDKPLVKVTFQNGKSQKFSRLDPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVITIVQVPSMG  
SSSPMGIIVAVIATAVAIAVAIVALIYCRKKRISANSTDPVAAAQFEPGRQMIAIRKRQLEETNNDY  
ETADGGYMTLNPRAPTDDDKNIYLTLPNDHVNSNN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	34.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_067674</a>
Locus ID:	2212



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UniProt ID: [P12318](#)

RefSeq Size: 2411

Cytogenetics: 1q23.3

RefSeq ORF: 948

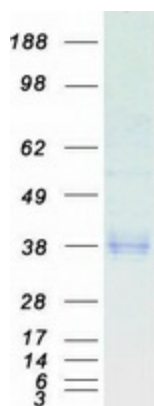
Synonyms: CD32; CD32A; CDw32; FCG2; FcGR; FCGR2; FCGR2A1; IGFR2

**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]).