

Product datasheet for **TP304496M**

CD32B (FCGR2B) (NM_001002275) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fc fragment of IgG, low affinity IIb, receptor (CD32) (FCGR2B), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204496 representing NM_001002275 Red =Cloning site Green =Tags(s)
	<p>MGILSFLPVLATESDWADCKSPQPWGHMLLWTAVLFLAPVAGTPAAPPKAVLKLEPQWINVLQEDSVTLT CRGTHSPESDSIQWFHNGNLIPHTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHP EFQEGETIVLRCHSWKDKPLVKVTFQNGKSKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTLYSSKPV TITVQAPSSSPMGIIVAVVTGIAVAIVAIVVALIYCRKKRISALPGYPECREMGETLPEKPANPTNPDE ADKVGAEANTITYSLLMHPDALEEPDDQNRI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	33.8 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:	NP_001002275
Locus ID:	2213



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UniProt ID: [P31994](#)

RefSeq Size: 1630

Cytogenetics: 1q23.3

RefSeq ORF: 930

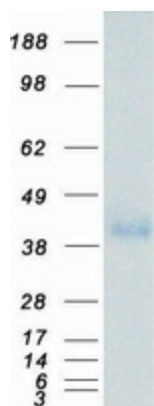
Synonyms: CD32; CD32B; FCG2; FCGR2; FCGR2C; FcRII-c; IGFR2

Summary: The protein encoded by this gene is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

Protein Families: ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: B cell receptor signaling pathway, Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus

Product images:



Coomassie blue staining of purified FCGR2B protein (Cat# [TP304496]). The protein was produced from HEK293T cells transfected with FCGR2B cDNA clone (Cat# [RC204496]) using MegaTran 2.0 (Cat# [TT210002]).