

## Product datasheet for TP319569

### CD32B (FCGR2B) (NM\_001002273) 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 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219569 representing NM_001002273 Red=Cloning site Green=Tags(s)

MGILSFLPVLATESDWADCKSPQPWGHMLLWTAVLFLAPVAGTPAPPKAVLKLEPQWINVLQEDSVTLTC  
RGTHSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLE  
FQEGETIVLRCHSWKDKPLVKVTFQNGKSKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTLYSSKPVT  
ITVQAPSSSPMGIIVAVWTGIAVAIVAVALIYCRKKRISANPTNPDEADKVGAEANTITYSLLMHPDA  
LEEPDDQNRI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	31.7 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_001002273</a>
Locus ID:	2213



[View online »](#)

UniProt ID: [P31994](#)

RefSeq Size: 1573

Cytogenetics: 1q23.3

RefSeq ORF: 870

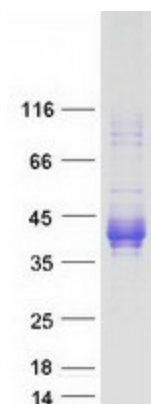
Synonyms: CD32; CD32B; FCG2; FCGR2; FCGR2C; FcRII-c; IGFR2

**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# TP319569). The protein was produced from HEK293T cells transfected with FCGR2B cDNA clone (Cat# [RC219569]) using MegaTran 2.0 (Cat# [TT210002]).