

Product datasheet for **TP720664M**

CD32B (FCGR2B) (NM_001002275) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human Fc fragment of IgG, low affinity IIb, receptor (CD32) (FCGR2B), transcript variant 4
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Thr43-Pro217
Tag:	C-His
Predicted MW:	20.64 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001002275
Locus ID:	2213
UniProt ID:	P31994
RefSeq Size:	1630
Cytogenetics:	1q23.3
RefSeq ORF:	930
Synonyms:	CD32; CD32B; FCG2; FCGR2; FCGR2C; FcRII-c; IGFR2



[View online »](#)

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