

## Product datasheet for **TP720664**

### 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:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
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 <sub>2</sub> 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:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001002275</a>
Locus ID:	2213
UniProt ID:	<a href="#">P31994</a>
RefSeq Size:	1630
Cytogenetics:	1q23.3
RefSeq ORF:	930



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**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