

Product datasheet for **TP727058**

CD16b (FCGR3B) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Fc $\hat{\beta}$ RIIIB/FCGR3B/CD16b (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr20-Gln208
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Low Affinity Immunoglobulin Gamma Fc Region Receptor III-B is produced by our Mammalian expression system and the target gene encoding Gly17-Gln208 is expressed with a 6His tag at the C-terminus.
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 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	2215
UniProt ID:	O75015
Synonyms:	Low affinity immunoglobulin gamma Fc region receptor III-B; Fc-gamma RIII-beta; FcR-10; IgG Fc receptor III-1; FCG3; FCGR3; CD16b and FCGR3B.
Summary:	Low affinity immunoglobulin gamma Fc region receptor III-B, also known as Fc-gamma RIII-beta, FcR-10, IgG Fc receptor III-1, FCG3, FCGR3, CD16b and FCGR3B. FCGR3B is a GPI-anchor membrane protein and contains two Ig-like C2 type domains. FCGR3B can be expressed in orphonuclear leukocytes and stimulated eosinophils. FCGR3B can interact with INPP5D/SHIP1. FCGR3B localizes in the FCGR gene cluster is a CN polymorphic gene involved in the recruitment of polymorphonuclear neutrophils to sites of inflammation and their activation. FCGR3B may serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.
Protein Families:	ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity, Systemic lupus erythematosus



[View online »](#)