

Recombinant Full Length Human FCGR2B Protein

Cat. No. FCGR2B-4757HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FCGR2B full-length ORF (NP_003992.3) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	269 amino acids
Description	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]
Form	Liquid
Molecular Mass	34 kDa
AA Sequence	MGILSFLPVLATESDWADCKSPQPWGHMLLWTAVLFLAPVAGTPAAPPKAVLKLEP QWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYT CQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIVLRCHSWKDKPLVKVTTFFQN GKSKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTLYSSKPVTTITVQAPSSSPMGIIV AVVTGIAVAIAAIVVALIYCRKKRISALPGYPECREMGETLPEKPANPTNPDEADKV GAENTITYSLLMHPDALEEDDQNR

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Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH 8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	FCGR2B Fc fragment of IgG, low affinity IIb, receptor (CD32) [Homo sapiens]
Official Symbol	FCGR2B
Synonyms	FCGR2B; Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32) , FCG2, FCGR2; low affinity immunoglobulin gamma Fc region receptor II-b; CD32; CD32B; CDw32; fcRII-b; Fc gamma RIIb; fc-gamma-RIIb; fc-gamma RII-b; igG Fc receptor II-b; Fc fragment of IgG, low affinity II, receptor for (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32); FCG2; FCGR2; IGFR2;
Gene ID	2213
mRNA Refseq	NM_001002273
Protein Refseq	NP_001002273
MIM	604590

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UniProt ID

P31994

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