

Recombinant Human FCGR2B Protein

Cat. No. FCGR2B-3993H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FCGR2B full-length ORF (NP_003992.3) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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 GKSKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTYSSKPVTITVQAPSSSPMGIIV AVVTGIAVAAIVAVALIYCRKKRISALPGYPECREMGETLPEKPANPTNPDEADKV GAENTITYSLLMHPDALEEPDDQNRI
Applications	Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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

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MIM	604590
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UniProt ID	P31994
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