

## Recombinant Human FCGR2B Protein

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

### SPECIFICATION

<b>Product Overview</b>	Human FCGR2B full-length ORF (NP_003992.3) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	34 kDa
<b>AA Sequence</b>	MGILSFLPVLATESDWADCKSPQPWGHMLLWTAVLFLAPVAGTPAAPPKAVLKLEP QWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYT CQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIVLRCHSWKDKPLVKVTTFFQN GKSKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTYLSSKPVTTITVQAPSSSPMGIIV AVVTGIAVA AIVAAVVALIYCRKKRISALPGYPECREMGETLPEKPANPTNPDEADKV GAENTITYSLLMHPDALEEPDDQNR I
<b>Applications</b>	Antibody Production

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

	Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH 8.0 containing 2% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	FCGR2B Fc fragment of IgG, low affinity IIb, receptor (CD32) [ Homo sapiens ]
<b>Official Symbol</b>	FCGR2B
<b>Synonyms</b>	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;
<b>Gene ID</b>	2213
<b>mRNA Refseq</b>	NM_001002273
<b>Protein Refseq</b>	NP_001002273

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<b>MIM</b>	604590
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<b>UniProt ID</b>	P31994
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