PRODUCT INFORMATION

Target	FCGR3B
Synonyms	CD16;CD16A;CD16b;FCG3;FCGR3;FCGR3A;FCR-10;FCRIII;FCRIIIb
Description	Recombinant Human FCGR3B Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O75015
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	FCGR3B(Gly17-Ile199) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.9 kDa after removal of the signal peptide. The apparent molecular mass of FCGR3B-hFc is approximately 55-100 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a low affinity receptor for the Fc region of gamma immunoglobulins (IgG). The encoded protein acts as a monomer and can bind either monomeric or aggregated IgG. This gene may function to capture immune complexes in the peripheral circulation. Several transcript variants encoding different isoforms have been found for this gene. A highly-similar gene encoding a related protein is also found on chromosome 1. [provided by RefSeq, Aug 2012]
Usage	Research use only
Conjugate	Unconjugated

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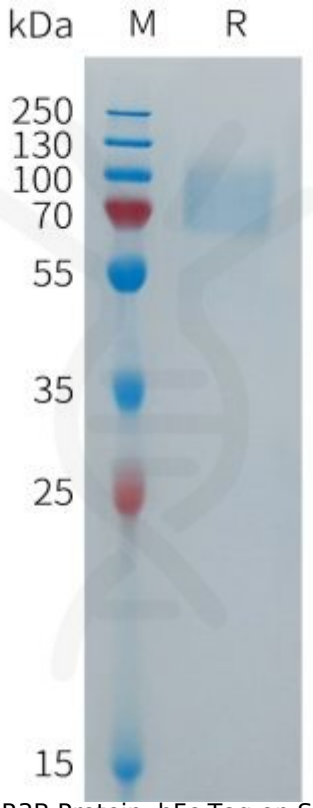


Figure 1.Human FCGR3B Protein, hFc Tag on SDS-PAGE under reducing condition.

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