HUMAN FCGR3B PROTEIN, HIS TAG

Cat.#: 11947

Product Name: Human FCGR3B Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CD16;FCG3;CD16A;CD16b;FCGR3;CD16-I;FCGR3A;FCR-10;FCRIII;FCRIIIb

Target: FCGR3B

UNIPROT ID: O75015

Description: Recombinant Human FCGR3B Protein with C-terminal 6xHis tag

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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 21.6 kDa after removal of the signal peptide.

Molecular Characterization: FCGR3B(Gly17-Ile199) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

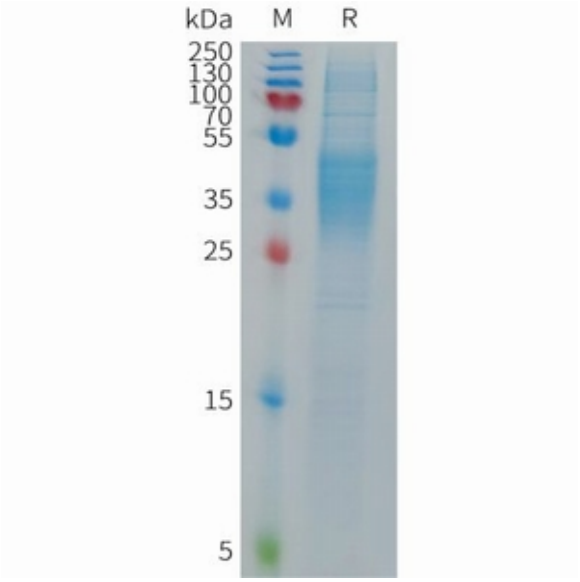

Figure 1.Human FCGR3B Protein, His Tag on SDS-PAGE under reducing condition.