PRODUCT INFORMATION

Target	CD32a
Synonyms	CD32;CD32A;CDw32;FCG2;FcGR;FCGR2;FCGR2A1;IGFR2
Description	Recombinant Human CD32A(167H) with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P12318
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD32a(H167)(Ala36-Ile218) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.4 kDa after removal of the signal peptide. The apparent molecular mass of CD32A(167H)-hFc is approximately 55-70 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2008]
Usage	Research use only
Conjugate	Unconjugated

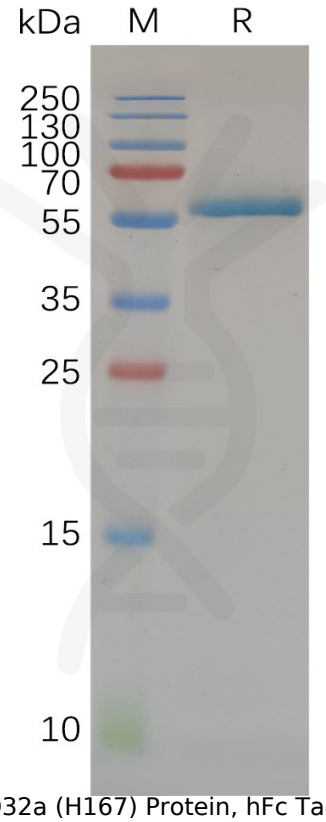

Figure 1. Human CD32a (H167) Protein, hFc Tag on SDS-PAGE under reducing condition.