

## Human FCGR3A Protein, His Tag

Catalog No: #AP89576

Package Size: #AP89576-1 10ug #AP89576-2 100ug

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## Description

Product Name	Human FCGR3A Protein, His Tag
Host Species	HEK293
Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Species Reactivity	Human
Immunogen Description	FCGR3A(Gly17-Gly206)+6xHis tag
Other Names	FCGR3A,CD16A,FCG3,FCGR3,IGFR3
Calculated MW	22.3 kDa
Tag Info	C-6xHis tag
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 56 % trehalose is added as protectants before lyophilization.
Storage	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

## Images

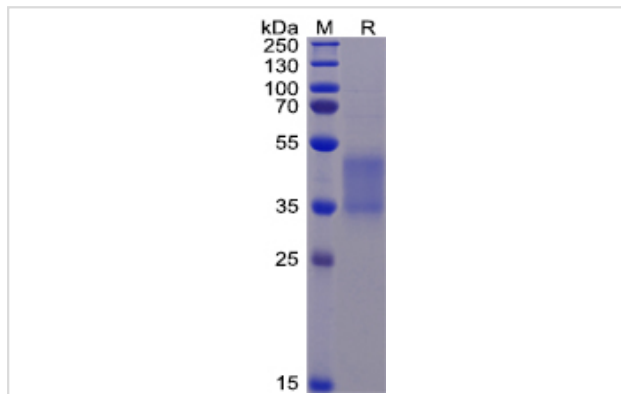
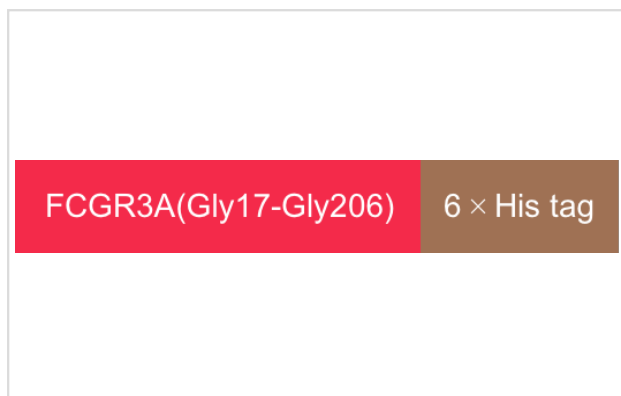


Figure 1. Human FCGR3A Protein, His Tag on SDS-PAGE under reducing condition.



## Product Description

Expression Region:550Research Topic:This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other other antibody-dependent responses. This gene (FCGR3A) is highly similar to

another nearby gene (FCGR3B) located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage. Mutations in this gene have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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Note: This product is for in vitro research use only