

FCGR3A recombinant protein

FCGR3A, 18-208aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48768	HOST E Coli	APPLICATIONS SDS-Page
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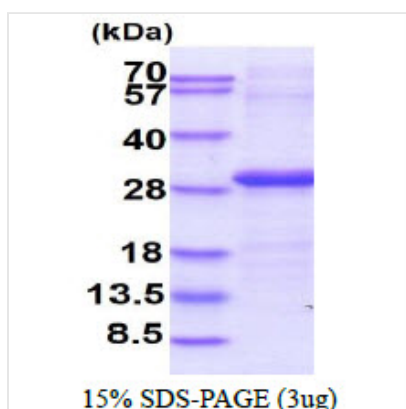
PRODUCT SYNONYMS

FCGR3A; 18-208aa; Human; His tag; E Coli (Denatured); Low affinity immunoglobulin gamma Fc region receptor III-A; CD16; CD16A; FCG3; FCGR3; FCGRIII; FCR-10; FCRIII; FCRIIIA; IGFR3; FCGR3A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1M urea, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMRT EDLPKAVVFL EPQWYRVLEK DSVTLKCQGA YSPEDNSTQW FHNESLISSQ ASSYFIDAAT VDDSGEYRCQ TNLSTLSDPV QLEVHIGWLL LQAPRWVFKE EDPIHLRCHS WKNTALHKVT YLQNGKGRKY FHHNSDFYIP KATLKDSGSY FCRGLFGSKN VSSETVNITI TQGLAVSTIS SFFPPGYQ
Sequence Length	254
Applicable Applications for FCGR3A recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FCGR3A recombinant protein	Low affinity immunoglobulin gamma Fc region receptor III-A (FCGR3A), also known as CD16A. 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 antibody-dependent responses. FCGR3A requires association of the gamma subunit of Fc epsilon RI or the zeta subunit of the TCR-CD3 complex for cell surface expression. Mutations in this gene have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Recombinant human FCGR3A protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for FCGR3A recombinant protein	Immunology
References	Huizinga T W., et al. (1988) Nature. 333:667-669.; Nagarajan S., et al. (1995) J Biol Chem. 270:25762-25770.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189083838
NCBI GeneID	2214
NCBI Accession #	NP_001121065
NCBI GenBank Nucleotide #	NM_001127593.1
UniProt Accession #	P08637; Q53FJ0; Q53FL6; Q5EBR4; Q65ZM6; Q6PIJ0; A2N6W9
Molecular Weight	26 kDa (228aa)
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor III-A isoform c
NCBI Official Synonym Full Names	Fc fragment of IgG receptor IIIa
NCBI Official Symbol	FCGR3A
NCBI Official Synonym Symbols	CD16; FCG3; CD16A; FCGR3; IGFR3; IMD20; FCR-10; FCRIII; FCGRIII; FCRIIIA
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor III-A
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III-A
UniProt Gene Name	FCGR3A
UniProt Synonym Gene Names	CD16A; FCG3; FCGR3; IGFR3; Fc-gamma RIII; Fc-gamma RIIIA; FcRIII; FcRIIIa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.