

IgG1 recombinant protein

Recombinant Human IgG1 Protein

CATALOG # AAA282615	HOST HEK293 cells
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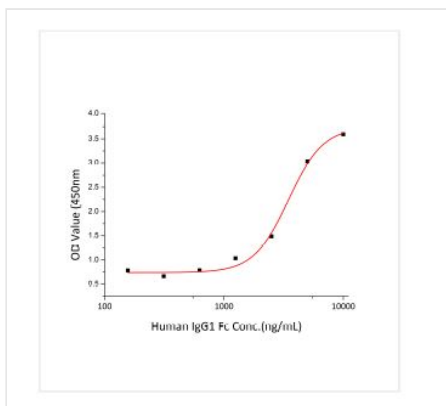
PRODUCT SYNONYMS

IgG1; Recombinant Human IgG1 Protein; Human IgG; IGHG1; COB1; YAP; YAP2; YAP65; YKI; YAP1; human IgG (Fc); IgG1 recombinant protein

PRODUCT SPECIFICATIONS

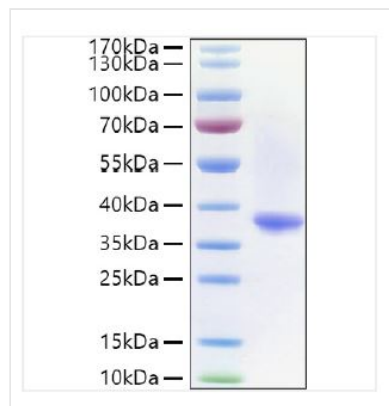
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-His
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human Fc-gamma RII-a(CD32a) at 1 ug/mL (100 uL/well) can bind IgG1 Fc with a linear range of 0.156-3.47 ug/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized Human Fc-gamma RIIa(CD32a) at 1ug/mL (100 uL/well) can bind IgG1 Fc with a linear range of 0.156-3.47ug/mL.



SDS-PAGE

Active Recombinant Human IgG1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 37kDa.

ADDITIONAL INFORMATION

Related Product Information for IgG1 recombinant protein	Recombinant Human IgG1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Pro100-Lys330) of human IgG1 Fc fused with a 6×His tag at the C-terminus.
Product Categories/Family for IgG1 recombinant protein	Tool proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	121039
NCBI GeneID	3500
UniProt Accession #	P01857
Molecular Weight	150,000
NCBI Official Full Name	Ig gamma-1 chain C region
NCBI Official Synonym Full Names	immunoglobulin heavy constant gamma 1 (G1m marker)
NCBI Official Symbol	IGHG1
UniProt Protein Name	Ig gamma-1 chain C region
UniProt Gene Name	IGHG1
UniProt Entry Name	IGHG1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/ighg1-recombinant-protein-hek293-cells/282615>