

Immunoglobulin G1 (IgG1) Protein | IgG1 protein

Eukaryotic Immunoglobulin G1 (IgG1)

CATALOG # AAA147074	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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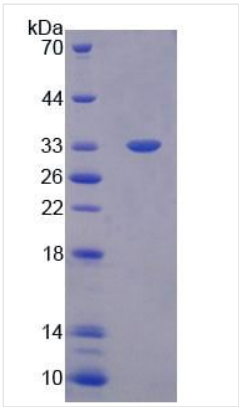
PRODUCT SYNONYMS

Immunoglobulin G1 (IgG1); Eukaryotic Immunoglobulin G1 (IgG1); IGHG1; Ig Gamma-1 Chain C Region; Immunoglobulin Heavy Constant Gamma 1; G1m Marker; Immunoglobulin Gm1; IgG1 protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 97%
Form/Format	Freeze-dried powder
Sequence Length	155
Applicable Applications for IgG1 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Glu1~Lys180
Tag	N-terminal His Tag and C-terminal Fc Region of Rabbit IgG
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Rabbit
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.2
Subcellular Location	Secreted
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

GQPKAPSVFP LAPCCGDTPS STVTLGCLVK GYLPEPVTVT WNSGTLTNGV
RTFPSVRQSS GLYSLSSVVS VTSSSQPVTC NVAHPATNTK VDKTVAPSTC
SKPTCPPPEL LGGPSVFIFP PKPKDTLMIS RTPEVTCVVV DVSQDDPEVQ
FTWYINNEQV RTARPPLREQ QFNSTIRVVS

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IgG1 protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758692
NCBI GeneID	116562
NCBI Accession #	NP_446288.1
NCBI GenBank Nucleotide #	NM_053836.1
UniProt Accession #	P17108
Molecular Weight	25kDa; 33kDa
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	IL2
NCBI Protein Information	interleukin-2
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; IL-2; TCGF

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/293f-cell-protein/immunoglobulin-g1-igg1/147074>