

Immunoglobulin G (IgG) Protein | IgG protein

Eukaryotic Immunoglobulin G (IgG)

CATALOG # AAA147105	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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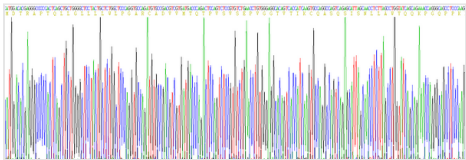
PRODUCT SYNONYMS

Immunoglobulin G (IgG); Eukaryotic Immunoglobulin G (IgG); IgG protein

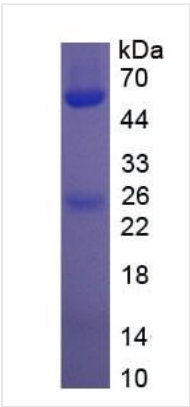
PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	131
Applicable Applications for IgG protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Met1~Cys238
Tag	N-terminal His Tag
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 1 ug (determined by the LAL method)
Isoelectric Point	4.8
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



Application Data



SDS-PAGE

MDMRAPTQLL GLLLLLWPGA RCDVMTQTP ASVEAPVGGT VTIKCQASQS
VSGYCSWYQQ KPGQPPKLLI YRASTLESGV PSRFSGSGSG TDFTLTISDL
ECADAATYYC QSNYNSGSSS SAAAFGGGTE VVVGDPVAP TVLIFPPAAD
QVATGTVTIV CVANKYFPDV TVTNEVDGTT QTTGIENSKT PQNSADCTYN
LSSTLTLTST QYNSHKEYTC KVTQGTTSVV QSFNRGDC

Sequence

ADDITIONAL INFORMATION

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

NCBI GI #	47523166
NCBI GeneID	396844
NCBI Accession #	NP_999011.1
NCBI GenBank Nucleotide #	NM_213846.1
UniProt Accession #	P07634
Molecular Weight	27.0kDa; 25/55kDa
NCBI Official Full Name	natriuretic peptides B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP; BNP1
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP-32; BNP-26

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.