

Immunoglobulin G1 Recombinant Protein | IgG1 recombinant protein

Recombinant Immunoglobulin G1 (IgG1)

CATALOG # AAA150190	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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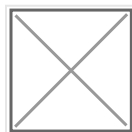
PRODUCT SYNONYMS

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

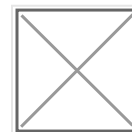
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Applicable Applications for IgG1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln20~Lys117
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	9.4
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	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. Stability Test: 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



SDS-PAGE



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for IgG1 recombinant protein	Immune molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505907
NCBI GeneID	5376
NCBI Accession #	NP_000295.1
NCBI GenBank Nucleotide #	NP_000295.1
UniProt Accession #	Q01453
Molecular Weight	Predicted Molecular Mass: 14.5kDa Accurate Molecular Mass: 15kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	peripheral myelin protein 22 isoform 1
NCBI Official Synonym Full Names	peripheral myelin protein 22
NCBI Official Symbol	PMP22
NCBI Official Synonym Symbols	DSS; CIDP; GAS3; HNPP; CMT1A; CMT1E; GAS-3; Sp110; HMSNIA
NCBI Protein Information	peripheral myelin protein 22
UniProt Protein Name	Peripheral myelin protein 22
UniProt Gene Name	PMP22
UniProt Synonym Gene Names	GAS3; PMP-22; GAS-3
UniProt Entry Name	PMP22_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/pmp22-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150190>