Immunoglobulin G1 (IgG1) Recombinant Protein | IgG1 recombinant protein

Recombinant Immunoglobulin G1 (IgG1)

CATALOG #	HOST	APPLICATIONS
AAA153262	**E coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala120~Lys449
Applicable Applications for IgG1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.3
Subcellular Location	Membrane, Secreted
Research Area	Immune molecule
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYI
CNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDG
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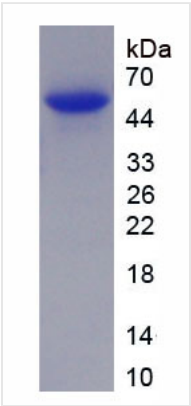
SLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSP
GK

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IgG1 recombinant protein	Prokaryotic proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	1074718622
NCBI GeneID	28439
UniProt Accession #	P01768; P01769; P01770; P01773; A0A0B4J2B7
Molecular Weight	12,947 Da
NCBI Official Full Name	Immunoglobulin heavy variable 3-30
NCBI Official Synonym Full Names	immunoglobulin heavy variable 3-30
NCBI Official Symbol	IGHV3-30
NCBI Official Synonym Symbols	VH; IGHV330
UniProt Protein Name	Immunoglobulin heavy variable 3-30
UniProt Gene Name	**IGHV3-30**

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://www.aaabiotech.com/ighv3-30-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153262