

Immunoglobulin A1 Recombinant Protein | IgA1 recombinant protein

Recombinant Immunoglobulin A1 (IgA1)

CATALOG # AAA21165	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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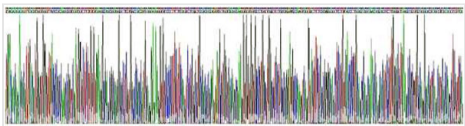
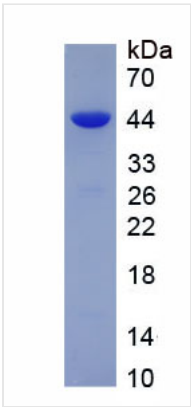
PRODUCT SYNONYMS

Immunoglobulin A1; Recombinant Immunoglobulin A1 (IgA1); IGHA1; Immunoglobulin heavy constant alpha 1; Ig alpha-1 chain C region; IgA1 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: 250ug/mL (varies by lot)
Applicable Applications for IgA1 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Ala1~Tyr353
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
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



Gene Sequencing (Extract)

SDS-PAGE

ASPTSPKVFP LSLCSTQPDG NVVIACLVQG FFPQEPLSVT WSESGQGVTA
RNFPPSQDAS GDLYTTSSQL TLPATQCLAG KSVTCHVKHY TNPSQDVTVP
CPVPSTPPTP SPSTPPTPSP SCCHPRLSLH RPALEDLLG SEANLTCTLT
GLRDASGVTF TWTSPSGKSA VQGPPERDLG GCYSVSVLP GCAEPWNHGK
TFTCTAAYPE SKTPLTATLS KSGNTERPEV HLLPPPSEEL ALNELVTLTC
LARGFSPKDV LVRWLQGSQE LPREKYLTWA SRQEPSQGTG TFAVTSILRV
AAEDWKKGDT FSCMVGHEAL PLAFTQKTID RLAGKPETHV VSVVMAEVDG
TCY

Sequence Information

ADDITIONAL INFORMATION

Product Categories/Family for IgA1 recombinant protein	Immune molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300863094
NCBI GeneID	2357
NCBI Accession #	NP_001180235.1
NCBI GenBank Nucleotide #	NP_001180235.1
UniProt Accession #	P21462
Molecular Weight	Predicted Molecular Mass: 41.4kDa Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	fMet-Leu-Phe receptor
NCBI Official Synonym Full Names	formyl peptide receptor 1
NCBI Official Symbol	FPR1
NCBI Official Synonym Symbols	FPR; FMLP
NCBI Protein Information	fMet-Leu-Phe receptor
UniProt Protein Name	fMet-Leu-Phe receptor
UniProt Gene Name	FPR1
UniProt Synonym Gene Names	fMLP receptor; FPR
UniProt Entry Name	FPR1_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.

