

Lymphocyte Activation Gene 3 (LAG3) Recombinant Protein | LAG3 recombinant protein

Recombinant Lymphocyte Activation Gene 3 (LAG3)

CATALOG # AAA133924	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Lymphocyte Activation Gene 3 (LAG3); Recombinant Lymphocyte Activation Gene 3 (LAG3); LAG3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. Its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-TY RDGFNVSIMY NLTVLGLEPP TPLTVYAGAG SRVGLPCRPL AGVGTRSLT AKWTPPGGGP DLLVTGDNGD FTLRLEDVSQ AQAGTYTCHI HLQEQQLNAT VTLAITVTP KSFGSPGSLG KLLCEVTPVS GQERFVWSSL DTPSQRSFSG PWLEAQEAQL LSQPWQCQLY QGERLLGAAY YFTELSSPGA QRSGRAPGAL PAGHLLFLI LGVLSLLLV TGAFGFHLWR RQWRPRRFSAL
Sequence Length	525
Applicable Applications for LAG3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Thr244~Glu487 (Accession # P18627) with two N-terminal Tags, His-tag and T7-tag
Predicted isoelectric point	8.8
Predicted Molecular Mass	30.2kDa
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Residues	Thr244~Glu487 (Accession # P18627), with two N-terminal Tags, His-tag and T7-tag.
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. Stability Test: The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614500
NCBI GeneID	3902
NCBI Accession #	NP_002277.4
NCBI GenBank Nucleotide #	NM_002286.5
UniProt Accession #	P18627; A8K7T9
Molecular Weight	34kDa
NCBI Official Full Name	lymphocyte activation gene 3 protein
NCBI Official Synonym Full Names	lymphocyte-activation gene 3
NCBI Official Symbol	LAG3
NCBI Official Synonym Symbols	CD223
NCBI Protein Information	lymphocyte activation gene 3 protein
UniProt Protein Name	Lymphocyte activation gene 3 protein
UniProt Gene Name	LAG3
UniProt Synonym Gene Names	FDC; LAG-3
UniProt Entry Name	LAG3_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/lag3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133924>