

Retinoic Acid Inducible Gene 1 Protein (RIG1) Recombinant Protein | RIG1 recombinant protein

Recombinant Retinoic Acid Inducible Gene 1 Protein (RIG1)

CATALOG # AAA135486	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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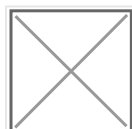
PRODUCT SYNONYMS

Retinoic Acid Inducible Gene 1 Protein (RIG1); Recombinant Retinoic Acid Inducible Gene 1 Protein (RIG1); RIG1 recombinant protein

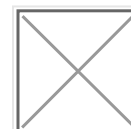
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itssequen ceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-MT AEQRQNLQAF RDYIKKILDP TYILSYMSSW LEDEEVQYIQ AEKNNKGPM E AASLFLQYLL KLQSEGWFQA FLDALYHAGY CGLCEAIESW DFQKIEKLEE HRLLRRLRP EFKATVDPND ILSLSECLI NQECIEIRQI RDTKGRMAGA EKMAECLIRS DKENWPKVLQ LALEKDNSKF SELWIVDKGF KRAESKADED DGAEASSIQ
Sequence Length	926
Applicable Applications for RIG1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Met1~Gln211 (Accession # Q6Q899) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cell projection, ruffle membrane. Cytoplasm, cytoskeleton. Cell junction, tight junction
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	5.2
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 targetprotein. 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 andprecipitation 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



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	153945886
NCBI GeneID	230073
NCBI Accession #	NP_766277.3
NCBI GenBank Nucleotide #	NM_172689.3
UniProt Accession #	Q6Q899; Q8C320; Q8C5I3; Q8C7T2; A2AP28
Molecular Weight	28.4kDa
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX58
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
NCBI Official Symbol	Ddx58
NCBI Official Synonym Symbols	RIG-I; RLR-1; C330021E21; 6430573D20Rik
NCBI Protein Information	probable ATP-dependent RNA helicase DDX58; RIG-1; DEAD box protein 58; DEAD-box protein 58; RIG-I-like receptor 1; DEAD/H box polypeptide RIG-I; retinoic acid-inducible gene-I; retinoic acid-inducible gene 1 protein; retinoic acid-inducible gene I protein
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX58
UniProt Gene Name	Ddx58
UniProt Synonym Gene Names	RLR-1; RIG-1; RIG-I
UniProt Entry Name	DDX58_MOUSE

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/ddx58-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135486>