Recombinant Human DDX58 protein, His-tagged

Cat. No. DDX58-7087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDX58 aa. (Asp550~Phe776) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp550~Phe776
Form	Freeze-dried powder
Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
Stability	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°C for 48h, and no obvious degradation and precipitation were observed.

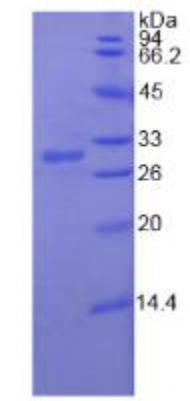
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	(Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	DDX58 DExD/H-box helicase 58 [Homo sapiens (human)]
Official Symbol	DDX58
Synonyms	RIGI; RIG-I; RLR-1; SGMRT2; DEAD (Asp-Glu-Ala-Asp) box polypeptide 58; DEAD box protein 58; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide; RNA helicase RIG-I; retinoic acid-inducible gene 1 protein; retinoic acid-inducible gene I protein; probable ATP-dependent RNA helicase DDX58
Gene ID	23586
mRNA Refseq	NM_014314.3
Protein Refseq	NP_055129.2

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UniProt ID	O95786
SDS-PAGE	

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