Recombinant Full Length Human DDX58 Protein, GST-tagged

Cat. No. DDX58-6897HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length DDX58 (1 a.a. - 925 a.a.) fused with GST-tag at N-terminal, was expressed in vitro wheat germ expression system.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	925 amino acids
Description	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a protein containing RNA helicase-DEAD box protein motifs and a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of immune response.
Molecular Mass	133 kDa
Applications	ELISA; WB
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.

GENE INFORMATION

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Gene Name	RIGI RNA sensor RIG-I [Homo sapiens (human)]
Official Symbol	DDX58
Synonyms	DDX58; RIGI; RIG-I; RLR-1; RIG-1; DEAD (Asp-Glu-Ala-Asp) box polypeptide 58; probable ATP-dependent RNA helicase DDX58; RNA helicase RIG-I; DEAD box protein 58; RIG-I-like receptor 1; retinoic acid inducible gene I; retinoic acid-inducible gene 1 protein; retinoic acid-inducible gene I protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide; EC 3.6.4.13; DKFZp434J1111; FLJ13599
Gene ID	23586
mRNA Refseq	NM_014314
Protein Refseq	NP_055129
MIM	609631
UniProt ID	O95786

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