

Recombinant Human RIGI Protein, FLAG-Tagged

Cat. No. RIGI-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RIGI Protein, FLAG-Tagged was expressed in HEK293 cell.
Species	Human
Source	HEK293
ProteinLength	2-925(end)
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 the antiviral innate immune response. Mutations in this gene are associated with Singleton-Merten syndrome 2.
Form	Liquid
Molecular Mass	108 kDa
Purity	≥90%
Usage	Research Use Only
Storage	At least 6 months at –80°C.

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Concentration	0.73 mg/ml
Storage Buffer	40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 100 µg/ml FLAG peptide, 20% glycerol, 3 mM DTT
Shipping	-80°C
Warning	Avoid freeze/thaw cycles.
Format	Aqueous buffer solution.

GENE INFORMATION

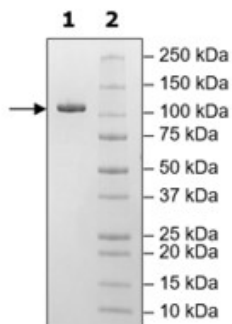
Gene Name	RIGI RNA sensor RIG-I [Homo sapiens (human)]
Official Symbol	RIGI
Synonyms	DDX58, DDX58 Protein, DEAD box protein 58, retinoic acid inducible gene I, RIG-1, Antiviral innate immune response receptor RIG-I, Retinoic acid-inducible gene 1 protein, RIG1, RIGI, RIG-I, RIG-I-like receptor 1, RLR-1, SGMRT2
Gene ID	23586
mRNA Refseq	NM_014314.4
Protein Refseq	NP_055129.2
MIM	609631
UniProt ID	O95786

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4-20% SDS-Page Coomassie Staining



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