

Recombinant Full Length Human DDX58 Protein

Cat. No. DDX58-2070H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DDX58 Protein(O95786)(1-925 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-925 aa
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol.
Molecular Mass	The protein has a calculated MW of 106 kDa.
AASequence	MTTEQRRSLQAFQDYIRKTLDPITYILSYMAPWFREEEVQYIQA EKNNKGPM EAATLF LKFLLELQEEGWFRGFLDALDHAGYSGLYEAIESWDFKKIEKLE EYRLLKRLQPEFK TRIIPTDIISDLSECLINQECEEILQICSTKGMMAGAEKLVECLLRSDKENWPKTLKLAL EKERNKFSELWIVEKGIKDVETEDLEDKMETSDIQIFYQEDPECQNLS ENSCPPSEV SDTNLYSPFKPRNYQLELALPAMKGKNTIICAPTGCGKTFVSL LICEHHLKKFPQGQK GKVVFANQIPVYEQQKSVFSKYFERHGYRVTGISGATAENVPVEQIV ENNDIIILTPQ ILVNNLKKGTIPSLSIFTLMIFDECHNTSKQHPYNMIMFNYLDQKLGGSSGPLPQVIGL TASVGVGDAKNTDEALDYICKLCASLDASVIATVKHNLEEELEQV VYKPQKFFRKVES RISDKFKYIIAQLMRDTESLAKRICKDLENLSQIQNREFGTQKYEQWIVTVQKACMVF QMPDKDEESRICKALFLYTSHLRKYNDALIISEHARMKDALDY LKDFFSNVRAAGFDE IEQDLTQRFEEKLQELESVSRDPSNENPKLEDLCFILQEEYHLNPETITILFVKTRALV DALKNWIEGNPKLSFLKPGILTGRGKTNQNTGMTLPAQKCILD AFKASGDHNILIATS

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VADEGIDIAQC�LVILYEYVGNVIMIQTRGRGRARGSKCFLTSNAGVIEKEQINMYK
 EKMMNDSILRLQTWDEAVFREKILHIQTHEKFIRDSQEKPKPVPDKENKKLLCRKCK
 ALACYTADVRVIEECHYTVLGDAFKECFVSRPHPKPKQFSSFEKRAKIFCARQNCŞH
 DWGIHVKYKTFEIPVİKIESFVVEDIATGVQTLYSKWKDFHFEKIPFDPAEMSK

Endotoxin <1.0EU per 1g (determined by the LAL method).

Purity > 90 % as determined by SDS-PAGE.

Storage Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.165 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name DDX58 DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 [Homo sapiens]

Official Symbol DDX58

Synonyms DDX58; DEAD (Asp-Glu-Ala-Asp) box polypeptide 58; probable ATP-dependent RNA helicase DDX58; DKFZp434J1111; FLJ13599; retinoic acid inducible gene I; RIG I; RNA helicase RIG I; RIG-1; RNA helicase RIG-I; DEAD box protein 58; retinoic acid-inducible gene 1 protein; retinoic acid-inducible gene I protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide; RIG-I; DKFZp686N19181;

Gene ID 23586

mRNA Refseq NM_014314

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Protein Refseq	NP_055129
MIM	609631
UniProt ID	O95786

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