Recombinant Full Length Human DHX35 Protein, GST-tagged

Cat. No. DHX35-2554HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHX35 full-length ORF (ADR83234.1, 1 a.a. - 703 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	703 amino acids
Description	DEAD box proteins characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The function of this gene product which is a member of this family, has not been determined. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	77.4 kDa
AA Sequence	MAAPVGPVKFWRPGTEGPGVSISEERQSLAENSGTTVVYNPYAALSIEQQRQKLPV FKLRNHILYLIENYQTVVIVGETGCGKSTQIPQYLAEAGWTAEGRVVGVTQPRRVAA VTVAGRVAEERGAVLGHEVGYCIRFDDCTDQLATRIKFLTDGMLVREMMVDPLLTK YSVIMLDEAHERTLYTDIAIGLLKKIQKKRGDLRLIVASATLDADKFRDFFNQNETSDP ARDTCVILTVEGRTFPVDIFYLQSPVPDYIKSTVETVVKIHQTEGDGDVLAFLTGQEE

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	VETVVSMLIEQARALARTGMKRHLRVLPMYAGLPSFEQMKVFERVSRSVRKVIVATN VAETSITISGIVYVIDCGFVKLRAYNPRTAIECLVVVPVSQASANQRAGRGGRSRSGK CYRLYTEEAFDKLPQSTVPEMQRSNLAPVILQLKALGIDNVLRFHFMSPPPAQSMVQ ALELLYALGGLDKDCRLTEPLGMRIAEFPLNPMFAKMLLESGNFGCSQEILSIAAMM QIQNIFVVPPNQKSHAIRVHRKFAVEEGDHLTMLNIYEAFIKHNKDSKWCQEHFLNYK GLVRAATVREQLKKLLVKFQVPRKSSEGDPDLVLRCIVSGFFANAARFHSTGAYRTI RDDHELHIHPASVLYAEKPPRWVIYNEVIQTSKYYMRDVTAIESAWLLELAPHFYQQ GTHLSLKAKRAKVQDP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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

Gene Name	DHX35 DEAH-box helicase 35 [Homo sapiens (human)]
Official Symbol	DHX35
Synonyms	DHX35; DEAH (Asp-Glu-Ala-His) box polypeptide 35; C20orf15, DDX35, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 35; probable ATP-dependent RNA helicase DHX35; FLJ22759; KAIA0875; DEAH box protein 35; DEAH-box protein 35; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 35; DDX35; C20orf15;

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Gene ID	60625
mRNA Refseq	NM_001190809
Protein Refseq	NP_001177738
UniProt ID	Q9H5Z1

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