

Recombinant Human DHX35 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DHX35-578H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DHX35 MS Standard C13 and N15-labeled recombinant protein (NP_068750) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	78.9 kDa
AA Sequence	MAAPVGPVKFWRPGTEGPGVSISEERQSLAENSGTTVVYNPYAALSIEQQRQKLPV FKLRNHILYLIENYQTVVIVGETGCGKSTQIPQYLAEAGWTAEGRVVGVTQPRRVAA VTVAGRVAEERGAVLGHEVGYCIRFDDCTDQLATRIKFLTDGMLVREMMVDPLLTK YSVIMLDEAHERTLYTDIAIGLLKKIQKKRGDLRLIVASATLDADKFRDFFNQNETSDP ARDTCVILTVEGRTPVDIFYLQSPVPDYIKSTVETVVKIHQTEGDGDVLAFLTGQEE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VETVVSMLIEQARALARTGMKRHLRVLPAMYAGLPSFEQMKVFERVSRSVRKVIVATN
 VAETSITISGIVYVIDCGFVKLRAYNPRTAIECLVVPVSQASANQRAGRGRSRSGK
 CYRLYTEEAFDKLPQSTVPEMQRSNLAPVILQLKALGIDNVLRFHFMSPPPAQSMVQ
 ALELLYALGGDKDCRLTEPLGMRIAEFPLNPMFAKMLLESNGFGCSQEILSIAAMM
 QIQNIFVVPNPQKSHAIRVHRKFAVEEGDHLTMLNIYEAFIKHNKDSKWCQEHFLNYK
 GLVRAATVREQLKKLLVKFQVPRKSSEGDPLVLR CIVSGFFANAARFHSTGAYRTI
 RDDHELHIHPASVLYAEKPPRWVIYNEVIQTSKYYMRDVT AIESAWLLELAPHFYQQ
 GTHLSLKAKRAKVQDPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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_021931
Protein Refseq	NP_068750
UniProt ID	Q9H5Z1
SDS-PAGE	