

Recombinant Human DHX34 Protein, Full Length, C-FLAG tagged

Cat. No. DHX34-2HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human DEAH (Asp-Glu-Ala-His) box polypeptide 34 (DHX34) with C-FLAG tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	Full Length
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 this DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. It is mapped to the glioma 19q tumor suppressor region and is a tumor suppressor candidate gene.
Molecular Mass	127.9 kDa
AA Sequence	MPPPRTREGRDRRDHHRAPSEEEALEKWDWNCPETRRLLLEDAFFREEDYIRQGSE ECQKFWTFFERLQRFQNLKTSRKEEKDPGQPKHSIPALADLPRTYDPRYRINLSVLG PATRGSQGLGRHLP AERVAEFRRALLHYLDFGQKQAFGR LAKLQRERAALPIAQYG NRILQTLKEHQVVVAGDTGCGKSTQVPQYLLAAGFSHVACTQPRRIACISLAKRVG

 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

FESLSQYGSQVGYQIRFESTRSAATKIVFLTVGLLLRQIQREPSLPQYEV LIVDEVHE
 RHLHND FLLGVLQRLLPTRPDLKVILMSATINISLFSSYFSNAPVVQVPGRLFPITVVY
 QPQEAEP TTSKSEKLDPRPFLRVLESIDHKYPPEERGDLLVFLSGMAEISAVLEAAQT
 YASHTQRWVVLPLHSALSVADQDKVFDVAPPGVRKCILSTNIAETSVTIDGIRFVVDS
 GKV KEMSYPQAKLQRLQEFWISQASAEQRKGRAGRTGPGVCFRLYAESDYDAFA
 PYPVPEIRRV ALDSLVLQMKSMSVGDPRTPFPFIEPPPPASLETAILYLRDQGALDSSE
 ALTPIGSLLAQLPVDVVIGKMLILGSMFSLVEPVL TIAAALSVQSPFTRSAQSSPECAA
 ARRPLESDQGD PFTLFNVFN AWVQVKSESRNSRKWCRRRGIEEHRLYEMANLRR
 QFKELLEDHGLLAGAQA AQVGDSYSRLQQRERRALHQLKRQHEEGAGRRRKVLR
 LQEEQDGGSSDEDRAGPAPP GASDGV DIQDVKFKLRHDLAQLQAAASSAQDLSRE
 QLALLKLV LGRGLYPQLAVPDAFNSSRKDS DQIFHTQAKQGAVLHPTCVFAGSPEVL
 HAQELEASNCDGSRDDKDKMSSKHQLLSFVSLLETNKP YLVNVCVRIPALQSLLLFSR
 SLDTNGDCSRLVADGWLELQLADSES AIRLLAASLRLRARWESALDRQLAHQAQQQ
 LEEEEEDTPVSPKEVATLSKELLQFTASKIPYSLRRLTG LEVQNMVYVGPQTIPATPHL
 PGLFGSSTLSPHPTKGGYAVTDFLTYNCLTNDTDLYSDCLRTFWTCPHCGLHAPLT
 PLERIAHENTCPQAPQDGPPGAEEAALET LQKTSVLQRPYHCEACGKDFLFTPTEVL
 RHRKQHVSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>0.05 µg/µL as determined by microplate BCA method

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Storage Buffer 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

GENE INFORMATION

Gene Name DHX34 DEAH (Asp-Glu-Ala-His) box polypeptide 34 [Homo sapiens (human)]

Official Symbol DHX34

Synonyms

DHX34; DEAH (Asp-Glu-Ala-His) box polypeptide 34; DDX34, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 34; probable ATP-dependent RNA helicase DHX34; KIAA0134; DEAH box protein 34; probable ATP-dependent helicase DHX34; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 34; HRH1; DDX34

Gene ID 9704

mRNA Refseq NM_014681

Protein Refseq NP_055496

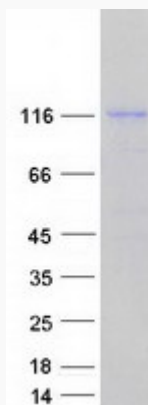
MIM 615475

UniProt ID Q14147

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SDS-PAGE

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