

Product datasheet for PH313162

DHX34 (NM_014681) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DHX34 MS Standard C13 and N15-labeled recombinant protein (NP_055496)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213162
Predicted MW:	127.9 kDa
Protein Sequence:	>RC213162 representing NM_014681 Red =Cloning site Green =Tags(s)

MPPPRTRREGDRDRDHRAPSEEEALEKWDNCPETRRLLLEDAFFREEDYIRQGSEECQKFWTFFERLQRF
 QNLKTSRKEEKDPGQPKHSIPALADLPRTYDPRYRINLSVLGPATRGSQLGRHLPARVAEFRRALLHY
 LDFGQKQAFGRLLAKLQREERAAPIAQYGNRILQTLKEHQVVVVAGDTGCGKSTQVPQYLLAAGFSHVACT
 QPRRIACISLAKRVGFESLSQYGSQVGYQIRFESTRSAATKIVFLTVGLLLRQIQREPSLPQYEVLIIVDE
 VHERHLHNDFFLLGVLQRLLPTRPDLKVILMSATINISLFSSYFSNAPVVQVPGRLFPIITVVYQPQEAET
 TSKSEKLDPRPFLRVLESIDHKYPPEERGDLLVFLSGMAEISAVLEAAQTYASHTQRWVVLPLHSALSVA
 DQDKVFDVAPPGVKRCILSTNIAETSVTIDGIRFVVDSGVKEMSYDPQAKLQRLQEFWISQASAEQRKG
 RAGRTGPGVCFRLYAESDYDAFAPYPVPEIRRVLDLVLQMKMSVGDPRTPFPFIEPPPPASLETAILY
 LRDQGALDSSEALTPIGSLLAQLPVDVVGKMLILGSMFSLVEPVLITAAALSVQSPFTRSAQSSPECAA
 ARRPLESDQGDPTFLFNVFNAWVQVKSERSRNSRKWRRRGIEEHRLYEMANLRRQFKELLEDHGLLAGA
 QAAQVGDSYSRLQQRERRALHQLKRQHEEGAGRRRKVLRQLQEEQDGGSSDEDAGPAPPASDGVDIQD
 VKFKLRHDLAQLQAAASSAQDLSREQLALLKLVLGRGLYPQLAVPDAFNSSRKDSQIFHTQAKQGAVLH
 PTCVFAQSPEVLHAQLEASNCDSRDDKDKMSSKHQLLSFVSLLETNKPYL VNCVRIPALQSLLFSRS
 LDTNGDCSRLVADGWLELQLADSESAIRLLAASRLRLARWESALDRQLAHQAQQQLEEEEDTPVSPKEV
 ATLSKELLQFTASKIPYSLRRLTGLEVQNMVGPQTIPATPHLPGLFGSSTLSPHPTKGGYAVTDFLTYN
 CLTNDTDLYSDCLRTFWTCPHCGLHAPLTPLERIAHENTCPQAPQDGPAGAEAALETQLKTSVLQRPYH
 CEACGKDFLFTPEVLRHRKQHV

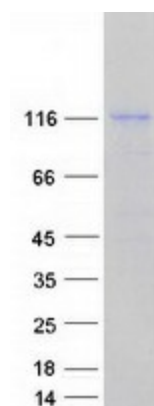
SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3


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Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055496
RefSeq Size:	4386
RefSeq ORF:	3429
Synonyms:	DDX34; HRH1
Locus ID:	9704
UniProt ID:	Q14147
Cytogenetics:	19q13.32
Summary:	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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DHX34 protein (Cat# [TP313162]). The protein was produced from HEK293T cells transfected with DHX34 cDNA clone (Cat# [RC213162]) using MegaTran 2.0 (Cat# [TT210002]).