

Product datasheet for TP511825

Dhx30 (BC016202) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DEAH (Asp-Glu-Ala-His) box polypeptide 30 (cDNA clone MGC:27662 IMAGE:4527765), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211825 representing BC016202
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAAARRLMALAAGVSPRLRPPDPLVASGRQGCSRGFSSSFVRS DGTQEAAEVESEVAPSEPGEGDGS MVN
ASRDLLKEFPQKNLLNSVIGRALGISHAKDKLVYVHTNGPKKKVTLHIKWPKSVEVEGYSKKIDAER
QAAAAACQLFKGWGLLGP RNELF DAAKYRVLADRF GSPADSWWRPEPTMPPTSWRQLNPENIRPGGPAGL
SRSLGEEEEDEEELEEGTIDVTEFLSMTQQDSHNPLRDSRGGSFEMTDDDSAIRALTQFPLPKNLLAK
VIQIATSSSTAKNLMQFHTVGT KTKLATLTLWP CPMTFVAKGRRKAE AENKAAALACKKLKSLGLVDRN
NEPLTHAMYNL ASLRELGETQRRPCTIQVPEPI LRKIEAFLSHYPVDSSWISPELRLQSDDILPLGKDSG
PLSDPITGKPYMPLSEAEVRLS QSLELWRRRGPIWQEAPQLPVDPHRDTILSAIEQHPPVVISGDTGC
GKTRIPQLLLERYVTEGRGARC NVITQPRRISAVSVAQRVSHELGPSLR RNVG FQVRLESKPPARGGA
LLFCTVGILLRKLQSNPSLEGVSHVIVDEVHERDVNTDFLLILLKGLQRLNPALRLVMSATGDNERFSR
YFGGCPVIKVPGFMYPVKEHYLEDILAKLGKHQYPHRHRHHESEDECALDLDLVDLVLHIDARGEPPGI
LCFLPGWQEIKGVQQR LQEALGMHESKYLILPVHSNIPMMDQKAIFQQPPLGVRKIVLATNIAETSITVN
DIVHVDSGLHKEERYDLKTKVSCLETVWVSRANVIQRRGRAGRCQSGFAYHLFPRSRLEKMVPFQVPEI
LRTPLENLVLQAKIHMPEKTAVEFLSKAVDSPNIKAVDEAVILLQEIGVLDQREYLTTLGQRLAHISTDP
RLAKAIVLAAIFRCLHPLLWVWSCLTRDPFSSSLQNRAEVDKVKALLSHDSGSDHLAFVRAVAGWEEVLR
WQDRTSRENYLEENLLYAPSLRFIHLGLIKQFSENIYEAFLVGKPSDCTLPSAQCNEYSEEEELVKGV LMA
GLYPNLIQVRQGVTRQGKFKPNSVTYRTKSGNILLHKSTINREATRLRSRWLTYFMAVKSNGSVFVRDS
SQVHPLAVLLLDGDVHIRDDGRRATISLSDSDLLRLEGDSRTVRLREFRRALGRMVERSLRSELAALP
LSVQQEHGQLLALLAELLRGPCGSFDMRKTADD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

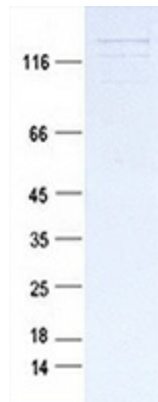
Tag:	C-MYC/DDK
Predicted MW:	138.2 kDa



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	72831
UniProt ID:	Q99PU8
RefSeq Size:	3768
Cytogenetics:	9 F2
RefSeq ORF:	3669
Synonyms:	HELG, Ddx30
Summary:	RNA-dependent helicase (PubMed:25219788). Plays an important role in the assembly of the mitochondrial large ribosomal subunit (By similarity). Required for optimal function of the zinc-finger antiviral protein ZC3HAV1 (By similarity). Associates with mitochondrial DNA (By similarity). Involved in nervous system development and differentiation through its involvement in the up-regulation of a number of genes which are required for neurogenesis, including GSC, NCAM1, neurogenin, and NEUROD (PubMed:25219788).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Dhx30 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.