

Product datasheet for TP511948

Dhx29 (NM_172594) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DEAH (Asp-Glu-Ala-His) box polypeptide 29 (Dhx29), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211948 representing NM_172594 Red =Cloning site Green =Tags(s)

MGGKNNKKHKAPGAAAMRAAVSASRARSAGAVGEAQSKKPVARPAPAVPTGAREPRVKQGPKIYSFNS
A
NDSGGSANLDKSILKVWINNKLQRIIGVINEHKKQNSDRGAISGRLSAKKLQDLYMALQAFSFKTKDIE
DAMTNTLLHGGDLHSALDWLCLNLSDDALPEGFSQEFEEQQPKSRPKFQSVQIQATLSPPQQTKTKRQE
E
DPKIKPKKEETTVEVNMKEWILRYAEQQDEEEKGEGSKGLEEEEFDPNQRYLNLAARLLDAKEQAAAFK
LEKNKQGQKEAQEKIRKFQREMETLEDHPINFNPAIKISHQQNEKKKPAPATEAESALNLNLFESAAATE
EEKGKKKEPHDVRNFDYTARSWTGKSPKQFLIDWVRKNLPKSPNPSFEKVAVGRYWKCRVRVRSDDVL
VVCPTILTEDGMQAQHLGATLALYRLVKGSVHQLLPPTYRDVWLEWSDEEKKREELNKMETNKPRLFI
AKLLNKLKQQQQQQQQQRPESEKGGSEDPEESWENLVSDLEALALSLEPTSAEDLAPVRSFLRRLQSTPK
YQRLKERQQLPVFKHRDSIVETLKRHRVWVAGETGSGKSTQVPHFLLEDLLLDECARKCNIVCTQPR
RISAVSLATRVCEELGCESGPGGRNSLCGYQIRMESRASESTRLLYCTTGVLRLKLQEDGLLADVSHVIV
DEVHERSVQSDFLLVILKEILQKRSDLHLILMSATVDSDFSTYFTHCPILRISGRSYPVEVFHLEDIVE
ETGFVLEKDSEYCQKFLEEEEEEITINVTSKAGGVKKYQEYIPVQSGASPELNPFYQKYSSRTQHAILYMN
PHKINLDLILELLVYLDKSPQFRNIEGAVLIFLPGLAHIQQLYDLLSSDRRFYSERYQVIALHSVLSTQD
QAAAFMFPPPGVRKIVLATNIAETGITIPDVWFVIDTGRTKENKYHESSQMSSSLVETVFSKASALQRQGR
AGRVRDGFRCFRLYTRERFEGFLDYSVPEILRVPLEELCLHIMKCDLGSPEDFLSKALDPPQLQVISNAMN
LLRKIGACEPNEPKLTPLGQHLAALPVNVKIGKMLIFGAIFGCLEPVATLAAVMTEKSPFITPIGRKDEA
DLAKSSLAVADSDHLTIYNAYLGWKAQQEGGRSEISYCQRNFLNRTSLLTLEDVKQELMKLVKAAGFS
SSPSWEGRKGPQTLSFQDIALLKAVLAAGLYDSVGKIMCTKSVDVTEKLACMVETAQGKAQVHPSSVNRD
LQTYGWLLYQEKVRYTRVYLRETTLITPFPVLLFGGDIEVQHRERLLSVDGWYIFQAPVKIAVIFKQLRV
LIDSVLRKKLENPKMSLENDKILQIITELIKTENN

TRTRPLE**QKLISEEDLA**ANDILDYKDDDDKV



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Tag:	C-MYC/DDK
Predicted MW:	154.4 kDa
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.
RefSeq:	NP_766182
Locus ID:	218629
UniProt ID:	Q6PGC1
RefSeq Size:	4098
Cytogenetics:	13 D2.2
RefSeq ORF:	4095
Synonyms:	3732415M03; AU043276; Ddxx; E130202M19Rik
Summary:	ATP-binding RNA helicase involved in translation initiation. Part of the 43S pre-initiation complex that is required for efficient initiation on mRNAs of higher eukaryotes with structured 5'-UTRs by promoting efficient NTPase-dependent 48S complex formation. Specifically binds to the 40S ribosome near the mRNA entrance. Does not possess a processive helicase activity.[UniProtKB/Swiss-Prot Function]