

Recombinant Mouse Dhx29 Protein, Myc/DDK-tagged

Cat. No. Dhx29-2556M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DEAH (Asp-Glu-Ala-His) box polypeptide 29 (Dhx29), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	154.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dhx29 DEAH (Asp-Glu-Ala-His) box polypeptide 29 [Mus musculus (house mouse)]
Official Symbol	Dhx29
Synonyms	DHX29; DEAH (Asp-Glu-Ala-His) box polypeptide 29; ATP-dependent RNA helicase Dhx29; DEAH box protein 29; nucleic acid helicase DDXx; Ddxx; AU043276; 3732415M03; E130202M19Rik
Gene ID	218629
mRNA Refseq	NM_172594
Protein Refseq	NP_766182
UniProt ID	Q6PGC1

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