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Datasheet for ABIN7553691

DHX30 Protein (AA 1-1194) (His tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | DHX30 |
| Protein Characteristics: | AA 1-1194 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This DHX30 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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|-----------|---|
| Purpose: | Custom-made recombinat DHX30 Protein expressed in mammalian cells. |
| Sequence: | MFSLDSFRKD RAQHRQRQCK LPPRLPPMC VNPTGGTIS RASRDLLKEF PQPKNLLNSV IGRALGISHA KDKLVYVHTN GPKKKKVTLL IKWPKSVEVE GYGSKKIDAE RQAAAAACQL FKGWGLLGP NELFDDAAKYR VLADRFGSPA DSWWRPEPTM PPTSWRQLNP ESIRPGGPGG LSRSLGREEE EDEEELEEG TIDVTDFLSM TQQDSHAPLR DSRGSSFEMT DDDSAIRALT QFPLPKNLLA KVIQIATSSS TAKNLMQFHT VGTKTKLSTL TLLWPCPMTF VAKGRRKAEA ENKAAALACK KLKSLGLVDR NNEPLTHAMY NLASLRELGE TQRRPCTIQV PEPILRKIET FLNHYPVLESS WIAPELRLQS DDILPLGKDS GPLSDPITGK PYVPLLEAEE VRLSQSLEL WRRRGPVWQE APQLPVDPHR DTILNAIEQH PVVVISGDTG CGKTTRIPQL LLERYVTEGR GARCNIITQ PRRISAVSVA QRVSHELGPS LRRNVGFQVR LESKPPSRGG ALLFCTVGIL LRKLQSNPSL EGVSHVIVDE VHERDVNTDF LLILLKGLQR LNPALRLVLM SATGDNERFS RYFGGCPVIK VPGFMYPVKE HYLELILAKL GKHQYLHRHR HHESEDECAL DLDLVTDLVL |

Product Details

HIDARGEPPG ILCFLPGWQE IKGVQQLQE ALGMHESKYL ILPVHSNIPM MDQKAIFQQP
PVGVRKIVLA TNIAETSITI NDIVHVVD SG LHKEERYDLK TKVSCLETWV VSRANVIQRR
GRAGRCQSGF AYHLFPRSRL EKMVPFQVPE ILRTPLENLV LQAKIHMPEK TAVEFLSKAV
DSPNIKAVDE AVILLQEIGV LDQREYLTTL GQRLAHISTD PRLAKAIVLA AIFRCLHPLL
VVVSLTRDP FSSSLQNRAE VDKVKALLSH DSGSDHLAFV RAVAGWEEVL RWQDRSSREN
YLEENLLYAP SLRFIHGLIK QFSENIYEF LVGKPSDCTL ASAQCNEYSE EEELVKGVLM
AGLYPNLIQV RQGVTRQ GK FKPNSVTYRT KSGNILLHKS TINREATRLR SRWLTYFMAV
KSNQSVFVRD SSQVHPLAVL LLTDGDVHIR DDGRRATISL SDSDLLRLEG DSRTVRLLE
LRRALGRMVE RSLRSELAAL PPSVQEEHGQ LLALLAELLR GPCGSFDVRK TADD **Sequence
without tag. The proposed Purification-Tag is based on experiences with the expression
system, a different complexity of the protein could make another tag necessary. In case you
have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: DHX30

Alternative Name: DHX30 ([DHX30 Products](#))

Background: ATP-dependent RNA helicase DHX30 (EC 3.6.4.13) (DEAH box protein 30),FUNCTION: RNA-

Target Details

dependent helicase (PubMed:29100085). Plays an important role in the assembly of the mitochondrial large ribosomal subunit (PubMed:25683715, PubMed:29100085). Required for optimal function of the zinc-finger antiviral protein ZC3HAV1 (By similarity). Associates with mitochondrial DNA (PubMed:18063578). 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 (By similarity). {ECO:0000250|UniProtKB:Q5BJS0, ECO:0000250|UniProtKB:Q99PU8, ECO:0000269|PubMed:18063578, ECO:0000269|PubMed:25683715, ECO:0000269|PubMed:29100085}.

Molecular Weight: 133.9 kDa

UniProt: [Q7L2E3](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months