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Datasheet for ABIN7546330

SNRNP40 Protein (AA 1-357) (His tag)

Overview

Quantity:	1 mg
Target:	SNRNP40
Protein Characteristics:	AA 1-357
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNRNP40 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SNRNP40 Protein expressed in mammalian cells.
Sequence:	MIEQQKRKGP ELPLVPVKRQ RHELLLGAGS GPGAGQQAT PGALLQAGPP RCSSLQAPIM LLSGHEGEVY CCKFHPNGST LASAGFDRLI LLWNVYGD CD NYATLKGHSG AVME LHYNTD GSMLFSASTD KTVAVW DSET GERVKRLKGH TSFVN SCYPA RRG PQLVCTG SDDGTVKLWD IRKKA AIQTF QNTYQVLAVT FNDTSDQIIS GGIDNDIKVW DLRQNKLTYT MRGHADSVTG L SLSSEGSYL LSNAMDNTVR VWDVRPFAPK ER CVKIFQGN VHNFEKNLLR CSWSPDGSKI AAGSADRFVY VWD TTSRRIL YKLP GHAGSI NEVAFHPDEP IISASSDKR LYMG EIQ 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SNRNP40
Alternative Name:	SNRNP40 (SNRNP40 Products)
Background:	<p>U5 small nuclear ribonucleoprotein 40 kDa protein (U5 snRNP 40 kDa protein) (U5-40K) (38 kDa-splicing factor) (Prp8-binding protein) (hPRP8BP) (U5 snRNP-specific 40 kDa protein) (WD repeat-containing protein 57),FUNCTION: Required for pre-mRNA splicing as component of the activated spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346, PubMed:30315277, PubMed:29360106, PubMed:29301961, PubMed:30705154). Component of the U5 small nuclear ribonucleoprotein (snRNP) complex and the U4/U6-U5 tri-snRNP complex, building blocks of the spliceosome (PubMed:9774689, PubMed:16723661, PubMed:26912367). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). {ECO:0000269 PubMed:11991638, ECO:0000269 PubMed:16723661, ECO:0000269 PubMed:26912367, ECO:0000269 PubMed:28076346, ECO:0000269 PubMed:28502770, ECO:0000269 PubMed:28781166, ECO:0000269 PubMed:29301961, ECO:0000269 PubMed:29360106, ECO:0000269 PubMed:30315277, ECO:0000269 PubMed:30705154, ECO:0000269 PubMed:9774689,</p>

Target Details

ECO:0000305|PubMed:33509932}.

Molecular Weight: 39.3 kDa

UniProt: [Q96DI7](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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