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Datasheet for ABIN7547152

DNAJC21 Protein (AA 1-531) (His tag)

Overview

Quantity:	1 mg
Target:	DNAJC21
Protein Characteristics:	AA 1-531
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAJC21 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DNAJC21 Protein expressed in mammalian cells.
Sequence:	<p>MKCHYEALGV RRDASEEELK KAYRKLALKW HPDKNLDNAA EAAEQFKLIQ AAYDVLSDPQ ERAWYDNHRE ALLKGGFDGE YQDDSLDLLR YFTVTCYSGY GDDEKGFYTV YRNVFEMIAK EELESVLEEE VDDFPTFGDS QSDYDTVVHP FYAYWQSFCT QKNFAWKEEY DTRQASNRWE KRAMKENKK IRDKARKEKN ELVRQLVAFI RKRDKRVQAH RKLVEEQNAE KARKAEEMRR QQKLKQAKLV EQYREQSWMT MANLEKELQE MEARYEKEFG DGSDENEMEE HELKDEEDGK DSDEAEDAEL YDDL YCPACD KSFKTEKAMK NHEKSKKHRE MVALLKQQL EEEEEFSRPQ IDENPLDDNS EEEMEDAPKQ KLSKKQK KKKK QKPAQNYDDN FNVNGPGEV KVPEDTNLN QDSAKELEDS PQENSVTEI IKPCDDPKSE AKSVPKPKGK KTKDMKKPVR VPAEPQTMSV LISCTTCHSE FPSRNKLFDH LKATGHARAP SSSSLNSATS SQSKKEKRKN R 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.</p>

Product Details

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:**

- 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: DNAJC21

Alternative Name: DNAJC21 ([DNAJC21 Products](#))

Background: DnaJ homolog subfamily C member 21 (DnaJ homolog subfamily A member 5) (Protein GS3),FUNCTION: May act as a co-chaperone for HSP70. May play a role in ribosomal RNA (rRNA) biogenesis, possibly in the maturation of the 60S subunit. Binds the precursor 45S rRNA. {ECO:0000269|PubMed:27346687}.

Molecular Weight: 62.0 kDa

UniProt: [Q5F1R6](#)

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.

Application Details

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