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## Datasheet for ABIN7547185 **DNAJC9 Protein (AA 1-260) (His tag)**

### Overview

Quantity:	1 mg
Target:	DNAJC9
Protein Characteristics:	AA 1-260
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAJC9 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant DNAJC9 Protein expressed in mammalian cells.
Sequence:	MGLLDLCEEV FGTADLYRVL GVRREASDGE VRRGYHKVSL QVHPDRVGEG DKEDATRRFQ ILGKVYSVLS DREQRAVYDE QGTVDEDSPV LTQDRDWEAY WRLLFKKISL EDIQAFEKTY KGSEELADI KQAYLDFKGD MDQIMESVLC VQYTEEPRI R NIIQQAIDAG EVPSYNAFVK ESKQKMNARK RRAQEEAKEA EMSRKELGLD EGVDSLKAAI QSRQKDRQKE MDNFLAQMEA KYCKSSKGGG KKSALKKEKK <b>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.</b>
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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	DNAJC9
Alternative Name:	DNAJC9 ( <a href="#">DNAJC9 Products</a> )
Background:	DnaJ homolog subfamily C member 9 (HDJC9) (DnaJ protein SB73),FUNCTION: Acts as a dual histone chaperone and heat shock co-chaperone (PubMed:33857403). As a histone chaperone, forms a co-chaperone complex with MCM2 and histone H3-H4 heterodimers, and may thereby assist MCM2 in histone H3-H4 heterodimer recognition and facilitate the assembly of histones into nucleosomes (PubMed:33857403). May also act as a histone co-chaperone together with TONSL (PubMed:33857403). May recruit histone chaperones ASF1A, NASP and SPT2 to histone H3-H4 heterodimers (PubMed:33857403). Also plays a role as co-chaperone of the HSP70 family of molecular chaperone proteins, such as HSPA1A, HSPA1B and HSPA8 (PubMed:17182002, PubMed:33857403). As a co-chaperone, may play a role in the recruitment of HSP70-type molecular chaperone machinery to histone H3-H4 substrates, thereby maintaining the histone structural integrity (PubMed:33857403). Exhibits activity to assemble histones onto DNA in vitro (PubMed:33857403). {ECO:0000269 PubMed:17182002, ECO:0000269 PubMed:33857403}.
Molecular Weight:	29.9 kDa

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## Target Details

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UniProt: [Q8WXX5](#)

## Application Details

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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

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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