

Datasheet for ABIN7556534
DNAJC30 Protein (AA 1-219) (His tag)



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Overview

Quantity:	1 mg
Target:	DNAJC30
Protein Characteristics:	AA 1-219
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAJC30 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dnajc30 Protein expressed in mammalian cells.
Sequence:	MAAARCLGWT LSPLWRWWQV RGLPPSSATG LCSRGRITYSR TALYELLGVP STATQAQIKA AYYRQSFLYH PDRNPGSAEA AERFTRVSEA YLVLGSTILR RKYDRGLLSQ QDLRGPVVKP SKTPVADPAP PRPPPYTPRA PGGSRASPGD GRMTMDFDAF YQAHYGEQLE RERRLRARRE ALRKKQENQA NKGTSWDDTR DATFFVWLFL IFVFGFRI 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	DNAJC30
Alternative Name:	Dnajc30 (DNAJC30 Products)
Background:	DnaJ homolog subfamily C member 30, mitochondrial (Williams-Beuren syndrome chromosomal region 18 protein homolog),FUNCTION: Mitochondrial protein enriched in neurons that acts as a regulator of mitochondrial respiration (PubMed:30318146). Associates with the ATP synthase complex and facilitates ATP synthesis (PubMed:30318146). May be a chaperone protein involved in the turnover of the subunits of mitochondrial complex I N-module. It facilitates the degradation of N-module subunits damaged by oxidative stress, and contributes to complex I functional efficiency (By similarity). {ECO:0000250 UniProtKB:Q96LL9, ECO:0000269 PubMed:30318146}.
Molecular Weight:	24.8 kDa
UniProt:	P59041

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.
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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