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Datasheet for ABIN7559310

DNAJC27 Protein (AA 1-273) (His tag)

Overview

Quantity:	1 mg
Target:	DNAJC27
Protein Characteristics:	AA 1-273
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAJC27 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dnajc27 Protein expressed in mammalian cells.
Sequence:	METNVPKRKE PAKSLRIKVI SMGNAEVGKS CIIKRYCEKR FVSKYLATIG IDYGVTKVQV RDREIKVNIF DMAGHPFFFE VRNEFYKDTQ GVILVYDVGQ KDSFDALDSW LAEMKQELGP HGNMDNIVFV VCANKIDCSK HRCIDSEGR LWAESKGLFY FETSAQTGEG INEMFQTFYL SIVDLCENGG KRPTASSAS FTKEQADTIR RIRNSKDSWE MLGVRPGASR EEV NKAYRKL AVLLHPDKCV APGSEDAFKA VVNARTALLK NIK 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)
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Grade:	custom-made
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Target Details

Target:	DNAJC27
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Alternative Name:	Dnajc27 (DNAJC27 Products)
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Background:	DnaJ homolog subfamily C member 27 (Rab and DnaJ domain-containing protein),FUNCTION: GTPase which can activate the MEK/ERK pathway and induce cell transformation when overexpressed. May act as a nuclear scaffold for MAPK1, probably by association with MAPK1 nuclear export signal leading to enhanced ERK1/ERK2 signaling. {ECO:0000269 PubMed:24746703}.
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Molecular Weight:	30.8 kDa
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UniProt:	Q8CFP6
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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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Restrictions:	For Research Use only
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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