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Product datasheet for TP314119

DNAJB13 (NM_153614) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DnaJ (Hsp40) related, subfamily B, member 13 (DNAJB13), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214119 representing NM_153614 Red=Cloning site Green=Tags(s) MGQDYYSVLGITRNSEDAQIKQAYRRLALKHHPLKSNEPSSAEIFRQIAEAYDVLSDPMKRGIYDKFGEE GLKGGIPLEFGSQTPWTTGYVFHGKPEKVFHEFFGGNNPFSEFFDAEGSEVDLNFGGLQGRGVKKQDPQ V ERDLYLSLEDLFFGCTKKIKISRRVLNEDGYSSTIKDKILTIDVKPGWRQGTRITFEKEGDQGPNIIPAD IIFIVKEKLHPRFRRENDNLFFVNPIPLGKALTCCTVEVRTLDDRLLNIPINDIIHPKYFKKVPGEGMPL PEDPTKKGDLFIFFDIQFPTRLTPQKKQMLRQALLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	35.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_705842

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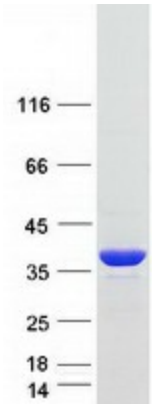
Locus ID:	374407
UniProt ID:	P59910
RefSeq Size:	1875
Cytogenetics:	11q13.4
RefSeq ORF:	948
Synonyms:	CILD34; RSPH16A; TSARG5; TSARG6
Summary:	This gene encodes a member of the heat shock protein 40 co-chaperone family which is produced in large amounts in the testis and is located on the radial spokes of the axoneme in human sperm flagella and other flagellar structures. The encoded protein associates with the sperm annulus, as part of the septin complex, through direct interaction with septin 4, during sperm terminal differentiation. Naturally occurring mutations in this gene are associated with primary ciliary dyskinesia and male infertility. [provided by RefSeq, Apr 2017]

Product images:



Coomassie blue staining of purified DNAJB13 protein (Cat# TP314119). The protein was produced from HEK293T cells transfected with DNAJB13 cDNA clone (Cat# [RC214119]) using MegaTran 2.0 (Cat# [TT210002]).