Recombinant Human DNAJB13 Protein, GST-tagged

Cat. No. DNAJB13-2734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJB13 partial ORF (NP_705842, 71 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	37.62 kDa
AA Sequence	GLKGGIPLEFGSQTPWTTGYVFHGKPEKVFHEFFGGNNPFSEFFDAEGSEVDLNFG GLQGRGVKKQDPQVERDLYLSLEDLFFGCTKKIKISRRVLNEDGYSSTIKDKIL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

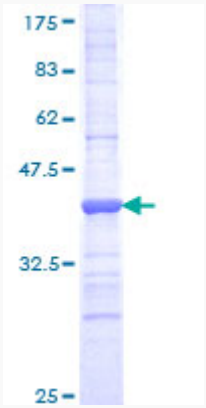
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DNAJB13 DnaJ (Hsp40) homolog, subfamily B, member 13 [Homo sapiens]
Official Symbol	DNAJB13
Synonyms	DNAJB13; DnaJ (Hsp40) homolog, subfamily B, member 13; DnaJ (Hsp40) related, subfamily B, member 13; dnaJ homolog subfamily B member 13; radial spoke 16 homolog A (Chlamydomonas); RSPH16A; TSARG6; 1700014P03Rik; DnaJ-like protein; radial spoke 16 homolog A; testis and spermatogenesis cell-related protein 6; testis spermatogenesis apoptosis-related protein 6; testis spermatocyte apoptosis-related gene 6 protein; testis spermatogenesis apoptosis-related gene 3 protein; testis spermatogenesis apoptosis-related gene 6 protein; TSARG5; FLJ46748;
Gene ID	374407
mRNA Refseq	NM_153614
Protein Refseq	NP_705842
MIM	610263
UniProt ID	P59910

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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