

Recombinant Human DNAJB13 protein, His-tagged

Cat. No. DNAJB13-12061H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJB13 protein(204-316 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	204-316 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	PNIIPADIIFIVKEKLHPRFRRENDNLFFVNPIPLGKALTCTVEVRTLDDRLLNIPINDII HPKYFKKVPGEGLPLPEDPTKKGDLFIFFDIQFPTRLTPQKKQMLRQALLT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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SDS-PAGE

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