Recombinant Human DNAL4 protein, His-tagged

Cat. No. DNAL4-3532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAL4 protein(1-105 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-105 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_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	MGETEGKKDEADYKRLQTFPLVRHSDMPEEMRVETMELCVTACEKFSNNNESAAK MIKETMDKKFGSSWHVVIGEGFGFEITHEVKNLLYLYFGGTLAVCVWKCS
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 12 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	DNAL4 dynein, axonemal, light chain 4 [Homo sapiens]
Official Symbol	DNAL4
Synonyms	DNAL4; dynein, axonemal, light chain 4; dynein, axonemal, light 4 , dynein, axonemal, light polypeptide 4; dynein light chain 4, axonemal; dJ327J16; PIG27; dynein, axonemal, light 4; proliferation-inducing gene 27; dynein light chain, outer arm 4; proliferation-inducing protein 27; dynein, axonemal, light polypeptide 4;
Gene ID	10126
mRNA Refseq	NM_005740
Protein Refseq	NP_005731
MIM	610565
UniProt ID	O96015
SDS-PAGE	

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