Recombinant Human DNAL4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAL4-563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAL4 MS Standard C13 and N15-labeled recombinant protein (NP_005731) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella.
Molecular Mass	12 kDa
AA Sequence	MGETEGKKDEADYKRLQTFPLVRHSDMPEEMRVETMELCVTACEKFSNNNESAAK MIKETMDKKFGSSWHVVIGEGFGFEITHEVKNLLYLYFGGTLAVCVWKCSTRTRPLE QKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

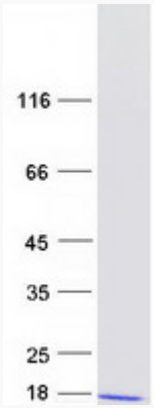
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DNAL4 dynein axonemal light chain 4 [Homo sapiens (human)]
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

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SDS-PAGE	

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