

Recombinant Full Length Human DNAL4 Protein, GST-tagged

Cat. No. DNAL4-4030HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAL4 full-length ORF (AAH02968, 1 a.a. - 105 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	105 amino acids
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. [provided by RefSeq, Dec 2014]
Molecular Mass	37.29 kDa
AA Sequence	MGETEGKKDEADYKRLQTFPLVRHSDMPEEMRVETMELCVTACEKFSNNNESAAK MIKETMDKKFGSSWHVIGEGFGFEITHEVKNLLYLYFGGTLAVCVWKCS
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	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

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