

Recombinant Human DNAL4, His-tagged

Cat. No. DNAL4-26062TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Dynein light chain with an N terminal His tag ; predicted mwt: 14.1 kDa;
Species	Human
Source	E.coli
ProteinLength	105 amino acids
Description	DNAL4 is a component of the dynein motor complex (Iwasaki et al.
Conjugation	HIS
Molecular Weight	14.100kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMGETEGKKDEADYKRLQTFPLVRHSDMPEEMRVE TMELCVTACEKFSSNNNESAAKMIKETMDKKFGSSWHVVIGEGFGFEITHEVKNNLLYL YFGGTLAVCVWKCS
Sequence Similarities	Belongs to the dynein light chain family.
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;
Gene ID	10126
mRNA Refseq	NM_005740
Protein Refseq	NP_005731
MIM	610565
Uniprot ID	O96015
Chromosome Location	22q13.1
Pathway	Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; NGF signalling via TRKA from the plasma membrane, organism-specific biosystem; Retrograde neurotrophin signalling, organism-specific biosystem; Signal

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Transduction, organism-specific biosystem;

Function

ATPase activity, coupled; microtubule motor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA