

Recombinant Full Length Human DYNLT1 Protein, GST-tagged

Cat. No. DYNLT1-4166HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYNLT1 full-length ORF (BAG37971.1, 1 a.a. - 113 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	113 amino acids
Description	This gene encodes a component of the motor complex, cytoplasmic dynein, which transports cellular cargo along microtubules in the cell. The encoded protein regulates the length of primary cilia which are sensory organelles found on the surface of cells. The protein encoded by this gene interacts with viral proteins, like the minor capsid protein L2 of human papillomavirus, and is required for dynein-mediated delivery of the viral nucleic acid to the host nucleus. This protein interacts with oncogenic nucleoporins to disrupt gene regulation and cause leukemic transformation. Pseudogenes of this gene are present on chromosomes 4 and 17. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014]
Molecular Mass	38.83 kDa
AA Sequence	MEDYQAAEETAFVVDEVSNIVKEAIESAIGGNAYQHASKVNQWTTNNVVEQTLSQLTKL GKPFKYIVTCVIMQKNGAGLHTASSCFWDSSTDGSCVTRWENKTMYCIVSAFGLSI

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	DYNLT1 dynein, light chain, Tctex-type 1 [Homo sapiens]
Official Symbol	DYNLT1
Synonyms	DYNLT1; dynein, light chain, Tctex-type 1; t complex associated testis expressed 1 like 1 , TCTEL1; dynein light chain Tctex-type 1; T-complex testis-specific protein 1 homolog; t-complex-associated-testis-expressed 1-like 1; CW-1; TCTEL1; tctex-1; MGC111571;
Gene ID	6993
mRNA Refseq	NM_006519
Protein Refseq	NP_006510
MIM	601554
UniProt ID	P63172

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