

Recombinant Human DYNLT1 Protein, His-tagged

Cat. No. DYNLT1-2978H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYNLT1 (NP_006510, 1 a.a. - 113 a.a.) full-length recombinant protein with His tag expressed in Escherichia coli.
Species	Human
Source	E.coli
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]
Form	Liquid
Molecular Mass	14.6 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMEDYQAAEETAFFVDEVSNIVKEAIESAIGGNAYQH SKVNQWTTNVVEQTLSQLTKLGKPFKYIVTCVIMQKNGAGLHTASSCFWDSSTDGS CTVRWENKTMYSIVSAFGLSI

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Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at 4 centigrade for 1-2 weeks. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	1 mg/mL
Storage Buffer	In 20 mM Tris-HCl, 0.1M NaCl, pH 8.0 (1 mM dithiothreitol, 30% glycerol)

GENE INFORMATION

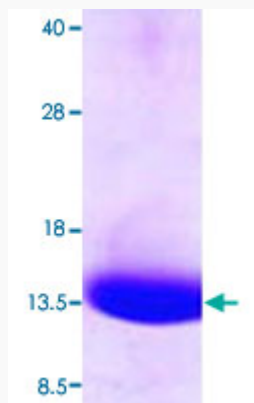
Gene Name	DYNLT1 dynein, light chain, Tctex-type 1 [Homo sapiens]
Official Symbol	DYNLT1
Synonyms	DYNLT1; dynein, light chain, Tctex-type 1; t complex associated testis expressed 1 like 1 , TCTEL1; dynein light chain Tctex-type 1; T-complex testis-specific protein 1 homolog; t-complex-associated-testis-expressed 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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**Quality Control
Testing**



Loading 3 μ g protein in 15% SDS-PAGE

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