Product datasheet for AR09975PU-N

DYNLT1 (1-113, His-tag) Human Protein

Product data:
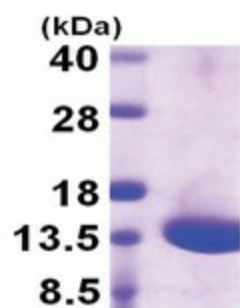
Product Type:	Recombinant Proteins
Description:	DYNLT1 (1-113, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MEDYQAAEET AFVVDEVSNI VKEAIESAIG GNAYQHSKVN QWTTNVVEQT LSQLTKLGKP FKYIVTCVIM QKNGAGLHTA SSCFWDSSTD GSCTVRWENK TMYCIVSAFG LSI
Tag:	His-tag
Predicted MW:	14.6 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 30% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DYNLT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001278531</u>
Locus ID:	6993
Cytogenetics:	6q25.3
Synonyms:	CW-1; TCTEL1; tctex-1; TCTEX1

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Summary:

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]

Product images:

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