

Full-Length

DYNLT1 (Human) Recombinant Protein (P01)

Catalog # H00006993-P01

Size 50 ug

Specification

Product Description	Human DYNLT1 full-length ORF (BAG37971.1, 1 a.a. - 113 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEDYQAAEETAFVVDEVSNVKEAIESAIGGNAYQHSKVNQWTTNVVEQTLSQLTKLGKPFKYVT CVIMQKNGAGLHTASSCFWDSSTDGSCTVRWENKTMYCIVSAFGLSI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.83
Interspecies Antigen Sequence	Mouse (94); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DYNLT1

Entrez GeneID	6993
GeneBank Accession#	AK315601.1
Protein Accession#	BAG37971.1
Gene Name	DYNLT1
Gene Alias	CW-1, MGC111571, TCTEL1, tctex-1
Gene Description	dynein, light chain, Tctex-type 1
Omim ID	601554
Gene Ontology	Hyperlink
Gene Summary	Cytoplasmic dynein is the major motor protein complex responsible for minus-end, microtubule-based motile processes. Each dynein complex consists of 2 heavy chains that have ATPase and motor activities, plus a group of accessory polypeptides. TCTEX1 is a dynein light chain involved in cargo binding (Chuang et al., 2005 [PubMed 15992542]).[supplied by OMIM]
Other Designations	OTTHUMP00000017508 OTTHUMP00000040084 t-complex-associated-testis-expressed 1-like 1