

Product datasheet for **TP301525M**

DYNLT3 (NM_006520) Human Recombinant Protein

Product data:

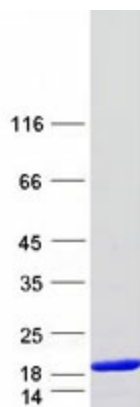
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dynein, light chain, Tctex-type 3 (DYNLT3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201525 protein sequence Red =Cloning site Green =Tags(s)
	MEEYHRHCDEVGFNAEEAHNIVKECVDGVLGGEDYNHNNINQWTASIVEQSLTHLVKLGKAYKYIVTCAV VQKSAYGFHTASSCFWDTSDGTCTVRWENRTMNCIVNVFAIAIVL
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006511</u>



Locus ID:	6990
UniProt ID:	<u>P51808</u>
RefSeq Size:	2230
Cytogenetics:	Xp11.4
RefSeq ORF:	348
Synonyms:	RP3; TCTEL; TCTEXL

Summary: This gene encodes a member of a subclass of dynein light chains. The encoded protein homodimerizes and forms the light chain component of the cytoplasmic dynein motor protein complex. This protein may be important for binding dynein to specific cargos including the spindle checkpoint protein BUB3. This protein may also function independently of dynein as a transcriptional modulator. Pseudogenes of this gene are found on chromosomes 2 and 20. [provided by RefSeq, Mar 2010]

Product images:



Coomassie blue staining of purified DYNLT3 protein (Cat# [TP301525]). The protein was produced from HEK293T cells transfected with DYNLT3 cDNA clone (Cat# [RC201525]) using MegaTran 2.0 (Cat# [TT210002]).