

DYNLT1, 1-113aa, Human, His tag, E.coli

Cat.NO.: TP01948

3th Edition

Synonyms: Dynein light chain Tctex-type 1, CW-1, TCTEL1, tctex-1

Description: Dynein light chain Tctex-type 1, also known as DYNLT1, belongs to the dynein light chain Tctex-type family. DYNLT1 acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

Molecular Weight: 14.6 kDa (133aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMEDYQAAEETAFVVDEVSNIVKEAIESAIGGNAYQHskVNQWTTNNVVEQTLSQLT
KLGKPFKYIVTCVIMQKNGAGLHTASSCFWDSSTDGSCtvrWENKtMYCIVSAFGLSI

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.