

# Recombinant human Dynein light chain roadblock-type 1

Catalog No: #AP71530

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Package Size: #AP71530-1 20ug #AP71530-2 100ug #AP71530-3 1mg

## Description

Product Name	Recombinant human Dynein light chain roadblock-type 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:3-96aaSequence Info:Partial
Other Names	Bithoraxoid-like protein ;BLPDynein light chain 2A, Cytoplasmic domainDynein-associated protein Km23Roadblock domain-containing protein 1
Accession No.	Q9NP97
Uniprot	Q9NP97
GeneID	83658;
Calculated MW	26.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	EVEETLKRLQSQKGVQGIIVNTEGIIPIKSTMDNPTTTQYASLMHSFILKARSTVRDIDPQNDLTLFLRIRSKKNEI MVAPDKDYFLIVIQNPTE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Acts as one of several non-catalytic accessory components of the Cytoplasmic domain dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic domain dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules.

## References

Identification of two novel human dynein light chain genes, DNLC2A and DNLC2B, and their expression changes in hepatocellular carcinoma tissues from 68 Chinese patients.Jiang J., Yu L., Huang X., Chen X., Li D., Zhang Y., Tang L., Zhao S.Gene 281:103-113(2001)Research Topic:Cancer

Note: This product is for in vitro research use only