

Recombinant Human Echinoderm microtubule-associated protein-like 2(EML2),partial

Catalog No: #AP70271

Package Size: #AP70271-1 20ug #AP70271-2 100ug #AP70271-3 1mg

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Description

Product Name	Recombinant Human Echinoderm microtubule-associated protein-like 2(EML2),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-418aaSequence Info:Partial
Accession No.	O95834
Calculated MW	61.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MSSFGAGKTEKIVFSVEDGSVKMFLRGRPVMMIPDELAPTYSLDTRSELPSCRLKLEWVYGYRGRDCRANL YLLPTGEIVYFVASVAVLYSVEEQQRHYLGHNDDIKCLAIHPDMVTIATGQVAGTTKEGKPLPPHVRWDVS LSTLHVLGLGVFDRAVCCVGFSGKSNNGNLLCAVDESNDHMLSVWDWAKETKVVDVKCSNEAVLVATFHPTD PTVLITCGKSHIYFWTLEGGSLSKRQGLFEKHEKPKYVLCVTFLEGGDVVTGDSGGNLYVWGKGGNRITQAVL GAHDGGVFGLCALRDGTLVSGGGRDRRVVLWGS DYSKLQEVEVPEDFGPVRTVAEGHGDTLYVGTTRNSIL QGSVHTGFSLLVQGHVEELWGLATHPSRAQFVTCGQDKLVHLWSSDSHQPLWSRIIE
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

Tubulin binding protein that inhibits microtubule nucleation and growth, resulting in shorter microtubules.

References

Crystal structure of EML1 reveals the basis for Hsp90 dependence of oncogenic EML4-ALK by disruption of an atypical γ -propeller domain.Richards M.W., Law E.W., Rennalls L.P., Busacca S., O'Regan L., Fry A.M., Fennell D.A., Bayliss R.Proc. Natl. Acad. Sci. U.S.A. 111:5195-5200(2014)Research Topic:Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.