

Recombinant Human EML2 Protein (1-418 aa), His-SUMO-tagged

Cat. No. EML2-481H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EML2 Protein (1-418 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-418 aa
Description	Tubulin binding protein that inhibits microtubule nucleation and growth, resulting in shorter microtubules.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	61.8 kDa
AA Sequence	MSSFAGAGKTKEVIFSVEDGSVKMFLRGRPVPMMIPDELAPTYSLDTRSELPSCRLKL EWVYGYRGRDCRANLYLLPTGEIVYFVASVAVLYSVEEQRQRHYLGHNDDIKCLAIH PDMVTIATGQVAGTTKEGKPLPPHVRIWDSVSLSTLHVLGLGVFDRAVCCVGFSKS NGGNLLCAVDESNDHMLSVWDWAKETKVVDVKCSNEAVLVATFHPTDPTVLITCGK SHIYFWTLEGGSLSKRQGLFEKHEKPKYVLCVTFLEGGDVVTGDSGGNLYVWGKG GNRITQAVLGAHDGGVFGLCALRDGTLVSGGGRDRRVVLWGS DYSKLQEVEVPED FGPVRTVAEGHGD TLYVGTTRNSILQGSVHTGFSLLVQGHVEELWGLATHPSRAQF

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	VTCGQDKLVHLWSSDSHQPLWSRIIE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

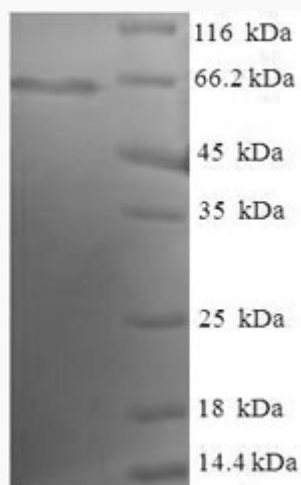
GENE INFORMATION

Gene Name	EML2 echinoderm microtubule associated protein like 2 [Homo sapiens]
Official Symbol	EML2
Synonyms	EML2; ELP70; EMAP 2; EMAP2; EMAP-2;
Gene ID	24139
mRNA Refseq	NM_001193268
Protein Refseq	NP_001180197
UniProt ID	O95834

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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