

Recombinant Human Calmodulin-like protein 3(CALML3)

Catalog No: #AP77053

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Package Size: #AP77053-1 20ug #AP77053-2 100ug #AP77053-3 1mg

Description

Product Name	Recombinant Human Calmodulin-like protein 3(CALML3)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-149aaSequence Info:Full Length
Other Names	CaM-like protein
Accession No.	P27482
Uniprot	P27482
GeneID	810;
Calculated MW	43.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MADQLTEEQVTEFKEAFSLFDKDGDCITRELGTVMRSLGQNPTAEALRDMMSSEIDRDGNGTVDFPEFLGM MARKMKDTDNEEEIREAFRVFDKDGNGFVSAELRHVMTRLGEKLSDEEVDEMIRAADTDGDGQVNYEEFV RVLVSK
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

May function as a specific light chain of unconventional myosin-10 (MYO10), also enhances MYO10 translation, possibly by acting as a chaperone for the emerging MYO10 heavy chain protein. May compete with calmodulin by binding, with different affinities, to cellular substrates.

References

"Down-regulation of a calmodulin-related gene during transformation of human mammary epithelial cells."

Yaswen P., Smoll A., Peehl D.M., Trask D.K., Sager R., Stampfer M.R.

Proc. Natl. Acad. Sci. U.S.A. 87:7360-7364(1990)Research Topic:Tags & Cell Markers

Note: This product is for in vitro research use only