

Product datasheet for AR50682PU-N

Calmodulin-like protein 3 (1-149, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Calmodulin-like protein 3 (1-149, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMADQLT EEQVTEFKEA FSLFDKDGDG CITTRELGTV MRSLGQNPTE AELRDMMSEI DRDGNGTVDF PEFLGMMARK MKDTDNEEEI REAFRVFDKD GNGFVSAAEL RHVMTRLGEK LSDEEVDEMI RAADTDGDGQ VNYEEFVRVL VSK
Tag:	His-tag
Predicted MW:	19 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CALML3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 005176</u>
Locus ID:	810
UniProt ID:	<u>P27482</u>
Cytogenetics:	10p15.1
Synonyms:	CALML3, Calmodulin-related protein NB-1, CaM-like protein



View online »

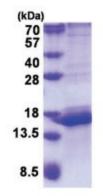
This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

	Calmodulin-like protein 3 (1-149, His-tag) Human Protein – AR50682PU-N
Summary:	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.[UniProtKB/Swiss-Prot Function]
Protein Pathw	ays: Alzheimer's disease, Calcium signaling pathway, Glioma, GnRH signaling pathway, Insulin signaling pathway, Long-term potentiation, Melanogenesis, Neurotrophin signaling pathway, Olfactory transduction, Oocyte meiosis, Phosphatidylinositol signaling system, Vascular smooth muscle contraction

Product images:



15% SDS-PAGE (3ug)

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US