

Recombinant Human CALML3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CALML3-1995H **Lot. No.** (See product label)

SPECIFICATION

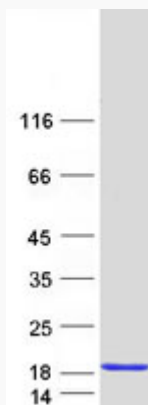
Product Overview	CALML3 MS Standard C13 and N15-labeled recombinant protein (NP_005176) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	May function as a specific light chain of unconventional myosin-10 (MYO10), also enhances MYO10 translation, possibly by acting as a chaperone for the emerging MYO10 heavy chain protein. May compete with calmodulin by binding, with different affinities, to cellular substrates.
Molecular Mass	16.9 kDa
AA Sequence	MADQLTEEQVTEFKEAFSLFDKDGDCITTRELGTVMRSLGQNPTEAELRDMMS EIRDGNGTVDFPEFLGMMARKMKDNDNEEEIREAFRVFDKDGNGFVSAAELRHVMT RLGEKLSDEEVDEMIRAADTDGDGQVNYEEFVRVLVSKTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CALML3 calmodulin-like 3 [Homo sapiens (human)]
Official Symbol	CALML3
Synonyms	CALML3; calmodulin-like 3; calmodulin-like protein 3; CLP; caM-like protein; calmodulin-related protein NB-1;
Gene ID	810
mRNA Refseq	NM_005185
Protein Refseq	NP_005176
MIM	114184
UniProt ID	P27482

SDS-PAGE

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