

Recombinant Human CALM3

Cat. No. CALM3-26628TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human CALM2; 149 amino acids, 16 kDa.
Species	Human
Source	E.coli
Description	Calmodulin is a protein that in humans is encoded by the CALM3 gene.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20mM Tris, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTEAELQ DMINEVDADG NGTIDFPEFL TMMARKMKDT DSEEEIREAF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQVNYE EFVQMMTAK
Sequence Similarities	Belongs to the calmodulin family. Contains 4 EF-hand domains.
Full Length	Full L.

GENE INFORMATION

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Gene Name	CALM3 calmodulin 3 (phosphorylase kinase, delta) [Homo sapiens]
Official Symbol	CALM3
Synonyms	CALM3; calmodulin 3 (phosphorylase kinase, delta); calmodulin; PHKD;
Gene ID	808
mRNA Refseq	NM_005184
Protein Refseq	NP_005175
MIM	114183
Uniprot ID	P62158
Chromosome Location	19q13.2-q13.3
Pathway	Activation of Ca-permeable Kainate Receptor, organism-specific biosystem; Activation of CaMK IV, organism-specific biosystem; Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Alzheimers disease, organism-specific biosystem;
Function	N-terminal myristoylation domain binding; calcium ion binding; calcium ion binding; calcium ion binding; calcium-dependent protein binding;

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