

Recombinant Human CALM3, His-tagged

Cat. No. CALM3-26629TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Calmodulin protein with a N terminal His tag , MWt 17 kDa.
Species	Human
Source	E.coli
Description	Calmodulin is a protein that in humans is encoded by the CALM3 gene.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 150mM Imidazole Constituents: 25% Glycerol, 50mM Sodium phosphate, 300mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the calmodulin family.Contains 4 EF-hand domains.
Full Length	Full L.

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GENE INFORMATION

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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