

Recombinant Human CALM3, GST-tagged

Cat. No. CALM3-92H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALM3(1 a.a. - 149 a.a.), fused with GST-tag at N-terminal, was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Description	Calmodulin 3 is a protein that in humans is encoded by the CALM3 gene.
Molecular Mass	42.02 kDa
AA Sequence	MADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTEAELQDMINEVD ADGNGTIDFPEFLTMMAR KMKDSTDSEEEIREAFRVFDKDGNGYISAAELRHVMTNL GEKLTDEEVDEMIREADIDGDGQVNYEEFVQMMTAK
Applications	ELISA; WB-Re; AP; Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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Gene Name	CALM3 calmodulin 3 (phosphorylase kinase, delta) [Homo sapiens (human)]
Official Symbol	CALM3
Synonyms	CALM3; calmodulin 3 (phosphorylase kinase, delta); calmodulin; PHKD; PHKD3; HEL-S-72; calmodulin; caM; prepro-calmodulin 3; epididymis secretory protein Li 72; NP_005175.2; EC 2.7.11.19
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; Adaptive Immune System; Alzheimer's disease
Function	N-terminal myristoylation domain binding; adenylate cyclase binding; calcium ion binding