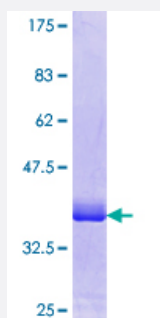


CALM3 (Human) Recombinant Protein (Q01)

Catalog # H00000808-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CALM3 partial ORF (NP_005175.2, 53 a.a. - 149 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	INEVDADGNGTIDFPEFLTMMARKMKDTSSEEEIREAFRVFDKDGNGYISAAELRHVMTNLGEKLT DEEVDEMIREADIDGDGQVNYEEFVQMMTAK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CALM3

Entrez GeneID	808
GeneBank Accession#	NM_005184
Protein Accession#	NP_005175.2
Gene Name	CALM3
Gene Alias	PHKD, PHKD3
Gene Description	calmodulin 3 (phosphorylase kinase, delta)
Omim ID	114183
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	calmodulin 3

Pathway

- [Calcium signaling pathway](#)
- [Glioma](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)

- [Melanogenesis](#)
- [Neurotrophin signaling pathway](#)
- [Olfactory transduction](#)
- [Phosphatidylinositol signaling system](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)