

Recombinant Human CALM1 protein, His-SUMO-tagged

Cat. No. CALM1-2622H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALM1 protein(P0DP23)(2-149aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-149aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	32.7 kDa
AA Sequence	ADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTEAELQDMINEVDA DGNGTIDFPEFLTMMARKMKDTDSEEEIREAFRVFDKDGNGYISAAELRHVMTNLG EKLTDEEVDEMIREADIDGDGQVNYEEFVQMMTAK
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION**Gene Name**

CALM1 calmodulin 1 (phosphorylase kinase, delta) [Homo sapiens]

Official Symbol

CALM1

Synonyms

CALM1; calmodulin 1 (phosphorylase kinase, delta); CALML2; calmodulin; CAMI; DD132; PHKD; phosphorylase kinase, delta subunit; caM; CALM2; CALM3;

Gene ID

801

mRNA Refseq

NM_006888

Protein Refseq

NP_008819

MIM

114180

UniProt ID

P62158

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