Recombinant Rat Calm1 protein, His-SUMO & Myc-tagged

Cat. No. Calm1-2623R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Calm1 protein(P0DP29)(2-149aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Rat
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	34.2 kDa
AA Sequence	ADQLTEEQIAEFKEAFSLFDKDGDGTITTKELGTVMRSLGQNPTEAELQDMINEVDADGNGTIDFPEFLTMMARKMKDTDSEEEIREAFRVFDKDGNGYISAAELRHVMTNLGEKLTDEEVDEMIREADIDGDGQVNYEEFVQMMTAK
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 [Rattus norvegicus]
Official Symbol	Calm1
Synonyms	CALM1; calmodulin 1; calmodulin; caM; Calmodulin 1 (phosphorylase kinase, delta); CaMI; CaMII; Calm2; Calm3;
Gene ID	24242
mRNA Refseq	NM_031969
Protein Refseq	NP_114175

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