

Calmodulin-2 Human Recombinant

Item Number	rAP-2934
Synonyms	PHKD, CAMII, PHKD2, Calmodulin-2, CALM2, CALM1 protein, Phosphorylase kinase delta.
Description	Recombinant CALM2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 149 amino acids and having a molecular mass of 16 kDa. CALM2 is purified by conventional chromatography techniques.
Uniprot Accesion Number	Q96HY3
Amino Acid Sequence	MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTAEELQ DMINEVDADG NGTID-FPEFL TMMARKMKDT DSEEEIREF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGGQVNYE EFVQMMTAK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CALM2 solution (1mg/ml) contains 20mM Tris-HCl, pH-7.5. Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**