9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CAMLG Human

Calcium Modulating Ligand Human Recombinant
RCP0329

Product Overview

Name	CAMLG Human
Description	
Calcium Modulating Ligand Human Recombinant	
Accession (Primary)	P49069
Synonyms	
Calcium Modulating Ligand, Calcium-Modulating Cyclophilin Ligand, Calcium-Signal Modulating Cyclophilin Ligand, Cyclophilin B-Binding Protein, CAML.	
Introduction	
CAMLG binds to cyclophilin B and operates downstream of the TCR and upstream of calcineurin by causing an influx of calcium. CAMLG is an essential membrane protein that takes part in the calcium signal transduction pathway, connecting cyclophilin B to calcium signaling.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The CAMLG solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MESMAVA TDGGERPGVP AGSGLSASQR RAELRRRKLL MNSEQRINRI MGFHRPGSGA EEESQTKSKQ QDSDKLNSLS VPSVSKRVVL GDSVSTGTTD QQGGVAEVKG TQLGDKLDSF IKPPECSSDV NLELRQRNRG DLTADSVQRG SRHGLEQYLS RFEEAMKLRK QLISEKPSQE DGNTTEEFDS FR	
Precautions	
CAMLG Human is for research use only and not for use in diagnostic or therapeutic procedures.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (P49069)