

## Calcium Modulating Ligand Human Recombinant

<b>Item Number</b>	rAP-2897
<b>Synonyms</b>	Calcium Modulating Ligand, Calcium-Modulating Cyclophilin Ligand, Calcium-Signal Modulating Cyclophilin Ligand, Cyclophilin B-Binding Protein, CAML.
<b>Description</b>	CAMLG Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (1-189) and having a molecular mass of 23.2kDa.CAMLG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P49069
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSME\$MAVA TDGGERPGVP AGSGLSASQR RAE\$RRR\$KLL MNSE- QRINRI MGFHRP\$GSGA EEESQTKSKQ QDSDKLN\$LS VPSVSKRVVL GDSVSTGTTD QQGGVAEVKG TQLGDKLDSF IKPPECSSDV NLELRQRNRG DLTADSVQRG SRHGLEQYLS RFEEAMKLRK QLISEK- PSQE DGNTTEEFDS FR
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.&nbsp;Store, frozen at -20°C for longer periods of time.&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The CAMLG solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**