



Catalog Number: PR27276

Product Type: Recombinant Protein

Source: E. Coli

Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MGSMESSMAVA TDGGERPGVP AGSGLSASQR RAELRRRLL
MNSEQRINRI MGFHRPGSGA EEESQTKSKQ QSDKLNLSL VPSVSKRVVL GDSVSTGTTD
QQGGVAEVKG TQLGDKLDSF IKPPECSSDV NLELRQRNRG DLTADSVQRG SRHGLEQYLS
RFEAMKLRK QLISEKPSQE DGNTTEEFDS FR

Description/Molecular Mass: 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.

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.

Purity: Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The CAMLG solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.

Storage: 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.

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