
Product Data Sheet

Product Name: CAMLG Human

Cat. No.: GP22963

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Calcium Modulating Ligand; Calcium-Modulating Cyclophilin Ligand; Calcium-Signal Modulating Cyclophilin Ligand; Cyclophilin B-Binding Protein; CAML.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMESSMAVA TDGGERPGVP AGSGLSASQR RAELRRRKLL MNSEQRINRI MGFHRPGSGA EEESQTKSKQ QDSDKLNSLS VPSVSKRVVL GDSVSTGTTD QGGGVAEVKG TQLGDKLDSF IKPPECSSDV NLELRQRNRG DLTADSVQRG SRHGLEQYLS RFEEAMKLRK QLISEKPSQE DGNTTEEFDS FR		
Formulation	The CAMLG solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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