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

CAPSL Human

Calcyphosine-Like Human Recombinant
RCP0336

Product Overview

Name	CAPSL Human
Description	
Calcyphosine-Like Human Recombinant	
Accession (Primary)	Q8WWF8
Synonyms	
Calcyphosine-like protein, CAPSL, MGC26610.	
Introduction	
CAPSL is a calcium-binding protein holding two conserved calcium-binding motifs (EF-hands) which are found in a superfamily of calcium sensors and calcium signal modulators. In addition, the CAPSL gene is in the same linkage disequilibrium (LD) block as the IL7R gene and there is well known association between the CAPSL-IL7R locus and type 1 diabetes.	
Source	
Escherichia Coli.	
Physical Appearance	
CAPSL is supplied as a sterile filtered clear solution.	
Formulation	
CAPSL protein at 1mg/ml in 20mM Tris-HCL, pH-8, 0.2M NaCl, 5mM DTT and 20% 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAGTARHDRE MAIQAKKKLT TATDPIERLR LQCLARGSAG IKGLGRVFRI MDDDNNRTLD FKEFMKGLND YAVVMEKEEV EELFQRFDKD GNGTIDFNEF LLTLRPPMSR ARKEVIMQAF RKLDKTGDGV ITIEDLREVY NAKHHPKYQN GEWSEEQVFR KFLDNFDSPY DKDGLVTPEE FMNYYAGVSA SIDTDVYFII MMRTAWKL	
Precautions	

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CAPSL Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WWF8)