9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3418: CAPSL Recombinant Protein

Alternative Name : Calcyphosine-like protein,CAPSL,MGC26610.

Description

Source : Escherichia Coli. CAPSL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 228 amino acids (1-208) and having a molecular mass of 26.3 kDa.The CAPSL is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CAPSL protein at 1mg/ml in 20mM Tris-HCL, pH-8, 0.2M NaCl, 5mM DTT and 20% Glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAGTARHDRE MAIQAKKKLT TATDPIERLR LQCLARGSAG IKGLGRVFRI MDDDNNRTLD FKEFMKGLND YAVVMEKEEV EELFQRFDKD GNGTIDFNEF LLTLRPPMSR ARKEVIMQAF RKLDKTGDGV ITIEDLREVY NAKHHPKYQN GEWSEEQVFR KFLDNFDSPY DKDGLVTPEE FMNYYAGVSA SIDTDVYFII MMRTAWKL

For Research Use Only. Not for use in diagnostic/therapeutics procedures.