

CAPSL, 1-208aa, Human, His tag, E.coli

Cat.NO.: TP01421

3th Edition

Synonyms: Calcyphosine-like

Description: CAPSL, also known as Calcyphosine-like protein, is a calcium-binding protein containing two calcium binding motifs (EF-hands). These conserved domains are found in a superfamily of calcium sensors and calcium signal modulators.

Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol

Molecular Weight: 26.3 kDa (228aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMAGTARHDREMAIQAKKKLTATDPIERLRLQCLARGSAGIKGLGRVFRIMDDDN
NRTLDFKEFMKGLNDYAVVMEKEEVEELFQRFDKDGNGTIDFNEFLTLRPPMSRARKEVIMQAFRKLDKTGDGVI
TIEDLREVYNKHHHPKYQNGEWSEEQVFRKFLDNFDSPYDKDGLVTPPEEFMNYAGVSASIDTDVYFIIMMRTAWK
L

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.