

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 calciumbinding 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:

MGSSHHHHHHSSGLVPRGSHMAGTARHDREMAIQAKKKLTTATDPIERLRLQCLARGSAGIKGLGRVFRIMDDDN
NRTLDFKEFMKGLNDYAVVMEKEEVEELFQRFDKDGNGTIDFNEFLTLRPPMSRARKEVIMQAFRKLDKTGDGVI
TIEDLREVYNAKHHPKYQNGEWSEEQVFRKFLDNFDSPYDKDGLVTPPEEFMNYAGVVSASIDTDVYFIIMMRTAWK
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.