

CALN1, 1-192aa, Human, His tag, E.coli

Cat.NO.: TP01407

3th Edition

Synonyms:Calcium-binding protein 8, CABP8, Calneuron-1, CaBP8, Calneuron I.

Description:CALN1 is high similarity to the calcium-binding proteins of the calmodulin family. This protein contains two EF-hand domains and potential calcium-binding sites. Also, It negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 50mM NaCl, 0.1mM PMSF

Molecular Weight:24.0 kDa (212aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMPFHHVTAGLLYKGNLYLNRSLSAGSDSEQLANISVEELDEIREAFRVLDRDGNNGFI
SKQELGMAMRSLGYMPSEVELAIIMQRDMDGDGQVDFDEFMTILGPKLVSSEGRDGFNGTIDSIFWQFDMQRIT
LEELKHILYHAFRDHLTMKDIENIIINEEESLNETSGNCQTEFEGVHSQKQNRQTCVRKS

Purity:> 95% by HPLC

Concentration:0.5mg/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.