

CABP7, 1-188aa, Human, His tag, E.coli

Cat.NO.: TP01397

3th Edition

Synonyms:Calcium-binding protein 7, Calneuron II, Calneuron-2, CALN2

Description:CABP7, also known as Calcium-binding protein 7, contains two EF-hand domains. It negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity. The CaBP family of EF-hand containing small Ca (2+)-binding proteins has recently emerged as important regulators of multiple targets essential to normal neuronal function in the mammalian central nervous system.

Form:Liquid. Phosphate-buffered saline (pH 7.4)

Molecular Weight:23.7 kDa (208aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMPFHPVTAALMYRGIYTPNLLSEQRPVDPIDPEDELEEIREAFKVFDRDGNNGFISKQ
ELGTAMRSLGYMPNEVELEVIIQRLDMDGDGQVDFEEFVTLLGPKLSTSGIPEKFKHGTDFTVFWKCDMQKLTVD
LKRLLYDTFCEHLSMKDIENIIMTEEEESHLGTAECPVDVETCSNQQIRQTCVRKS

Purity:> 95% by HPLC

Concentration:0.5 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.