

CABP7 Human

Description: CABP7 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 208 amino acids (1-188 a.a.) and having a molecular mass of 23.7kDa. CABP7 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-218

For research use only.

Synonyms: Calcium-binding protein 7, CaBP7, Calneuron II, Calneuron-2, CABP7, CALN2.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MPFHPVTAAL MYRGIYTPN
LLSEQRPVDI PEDELEEIRE AFKVFDRDGN GFISKQELGT AMRSLGYMPN EVELEVIIQR
LDMDGDGQVD FEEFVTLGLP KLSTSGIPEK FHGTDFTVWF WKCDMQKLTV DELKRLLYDT
FCEHLSMKDI ENIIMTEES HLGTAEECPV DVETCSNQQI RQTCVRKS.

Purity: Greater than 80.0% as determined by SDS-PAGE.

Formulation:

CABP7 protein solution (0.5mg/ml) containing Phosphate-buffered saline (pH 7.4).

Stability:

CABP7 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C.
Please prevent freeze thaw cycles.

Usage:

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Introduction:

Calcium-binding protein 7 (CABP7) contains 2 EF-hand domains. CABP7 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 lately emerged as significant regulators of multiple targets essential to normal neuronal function in the mammalian central nervous system.

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