

## 32-3394: CABP7 Recombinant Protein

**Alternative Name :** Calcium-binding protein 7, CaBP7, Calneuron II, Calneuron-2, CABP7, CALN2.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

<b>Amount :</b>	5 µg
<b>Purification :</b>	Greater than 80.0% as determined by SDS-PAGE.
<b>Content :</b>	CABP7 protein solution (0.5mg/ml) containing Phosphate-buffered saline (pH 7.4).
<b>Storage condition :</b>	CABP7 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MPFHPVTAAL MYRGIYTPVN LLSEQRPVDI PEDELEEIRE AFKVFDRDGN GFISKQELGT AMRSLGYMPN EVELEVIIQR LDMDGDGQVD FEEFVTLGK KLSTSGIPEK FHGTDFDTVF WKCDMQKLTV DELKRLLYDT FCEHLSMKDI ENIIMTEES HLGTAEECPV DVETCSNQQI RQTCVRKS.

