

RPPB1469

Product Information Protein Information

Product SKU:

RPPB1469

Accession:

P16870

Host:

Escherichia Coli.

Protein description:

CPE Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 457 amino acids (43-476 a.a) and having a molecular mass of 51.4kDa. CPE is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Carboxypeptidase E, Carboxypeptidase H, CPH, CPE, CPE Human, Enkephalin convertase, Prohormone-processing carboxypeptidase.

Formulation:

CPE protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSLLQEDGI SFYHRYPEL REALVSVWLQ CTAISRIYTV GRSFEGRELL
VIELSDNPGV HEPGEPEFKY IGMHMGNEAV GRELLIFLAQ YLCNEYQKGN ETIVNLIHST RIHIMPSLNP
DGFEKAASQP GELKDWVGR SNAQGIDLNR NFPDLDRIVY VNEKEGGPNN HLLKNMCKIV DQNTKLAPET
KAVIHWIMDI PFVLSANLHG GDLVANYPYD ETRSGSAHEY SSSPDDAIFQ SLARAYSSFN PAMSDPNRPP
CRKNDDSSF VDGTNGGAW YSVPGGMQDF NYLSSNCFEI TVELSCEKFP PEETLKTYWE DNKNLSISYL
EQIHRGVKGF VRDLQGNPIA NATISVEGID HDVTSKDG D YWRLIPGNY KLTASAPGYL AITKKVAVPY
SPAAGVDFEL ESFSERKEEE KEELMEWWKM MSETLNF.