

PEA-15, 1-130 aa, Human, Recombinant, E.coli

Cat.NO.: TP03341

3th Edition

Synonyms: Phosphoprotein enriched in astrocytes, 15kD, Astrocytic phosphoprotein PEA-15, PEA15, PED.

Description: Phospho-enriched protein in astrocytes 15 kDa (PEA-15) is a death effector domain (DED)-containing protein predominantly expressed in the central nervous system, particularly in astrocytes. This protein has been implicated in the regulation of multiple cellular processes including apoptosis, proliferation, glucose transport, adhesion and migration.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 10% Glycerol

Molecular Weight: 15 kDa (130aa)

Sequences:

MAEYGTLLQDLTNNITLEDLEQLKSACKEDIPSEKSEEITTGSAWFSFLESHNKLDKDNLSYIEHIFEISRRPDLLTMV
VDYRTRVLKISEEDELDTKLTRIPSAKKYKDII RQPSEEEI IKLAPPPKKA

Purity: > 95% by HPLC

Concentration: 1 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.