

GABARAP, 1-117aa, Human, His tag, E.coli

Cat.NO.: TP02171

3th Edition

Synonyms:Gamma-aminobutyric acid receptor-associated protein, MM46

Description:GABARAP, also known as gamma-aminobutyric acid receptor-associated protein, is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. Recombinant GABARAP protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.2M NaCl

Molecular Weight:16 kDa (137aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMKFVYKEEHPFEKRRSEGEKIRKKYPDRVPVIVEKAPKARIGDLDDKKKYLVPDLT
VGQFYFLIRKRIHLRAEDALFFVNNVIPPTSATMGQLYQEHHEEDFFLYIAYSDESVDYGL

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.