

GABARAPL2, 1-117aa, Human, His tag, E.coli

Cat.NO.: TP02173

3th Edition

Synonyms:Gamma-aminobutyric acid receptor-associated protein-like 2, ATG8, ATG8C, GATE-16, GATE16, GEF2

Description:GABARAPL2, also known as ATG8, is involved in intra Golgi traffic and modulates intra Golgi transport through coupling between NSF activity and SNAREs activation. GABARAPL2 first stimulates the ATPase activity of NSF which in turn stimulates the association with GOSR1. Recombinant human GABARAPL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,5mM DTT, 20% glycerol

Molecular Weight:15.8 kDa (137aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMKWWMFKEDHSLEHRCVESAKIRAKYPDRVPVIVEKVSGSQIVDIDKRKYLVPDIT
VAQFMWIIRKRIQLPSEKAIFLVDKTVPQSSLTMGQLYEKEKDEDGFLYVAYSGENTFGF

Purity:> 95% by HPLC

Concentration:0.5 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.