

AR09772PU-L

Human GABARAPL1 (1-117, His-tag) - Purified

Alternate names:

Early estrogen-regulated protein, GABA A receptor-associated protein-like 1, GEC1, Gamma-aminobutyric acid receptor-associated protein-like 1, Glandular epithelial cell protein 1

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

Gamma-aminobutyric acid (GABA) receptor-associated protein-like 1, also known as GABARAPL1, belongs to the MAP1 LC3 family. It increases cell surface expression of kappa type opioid receptor through facilitating anterograde intracellular trafficking of the receptor.

Uniprot ID:

[Q9H0R8](#)

NCBI:

[NP_113600](#)

GeneID:

[23710](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85%

Buffer System: 20mM Tris buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl

Description:

Recombinant human GABARAPL1 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MKFYKEDHP FEYRKKEGEK IRKKYPDRVP VIVEKAPKAR
VPDLDRKRYL VPSDLTVGQF YFLIRKRIHL RPEDALFFV NNTIPPTSAT MGQLYEDNHE
EDYFLYVAYS DESVYGK

Molecular weight: 16.2 kDa (137aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher).

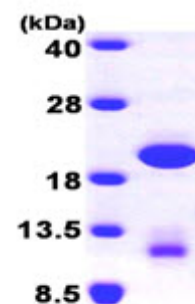
Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

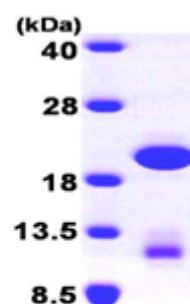
Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human GABARAPL1, 1-117
aa, His- tagged



15% SDS-PAGE (3ug)