Recombinant Human GABARAPL1, His-tagged

Cat. No. GABARAPL1-3385H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GABARAPL1 protein was expressed in*E.coli*and purified by using conventional chromatography techniques. MW = 16.2 kDa(137aa).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.
Purity	> 85% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MKFQYKEDHP FEYRKKEGEK IRKKYPDRVP VIVEKAPKAR VPDLDKRKYL VPSDLTVGQF YFLIRKRIHL RPEDALFFFV NNTIPPTSAT MGQLYEDNHE EDYFLYVAYS DESVYGK.
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.

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Pathways	Regulation of autophagy

GENE INFORMATION

Gene Name	GABARAPL1 GABA(A) receptor-associated protein like 1 [Homo sapiens]
Synonyms	GABA(A) receptor-associated protein like 1; ATG8; GEC1; APG8L; ATG8B; ATG8L; APG8-LIKE; GABARAPL1; gamma-aminobutyric acid receptor-associated protein-like 1; GEC-1; early estrogen-regulated protein; glandular epithelial cell protein 1; GABA(A) receptor-associated protein-like 1; Glandular epithelial cell protein 1; Early estrogen-regulated protein
Gene ID	23710
mRNA Refseq	NM_031412
Protein Refseq	NP_113600
MIM	607420
UniProt ID	Q9H0R8
Chromosome Location	12p13.2
Function	GABA receptor binding; beta-tubulin binding; protein binding

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