

Recombinant Human GABARAPL1, His-tagged

Cat. No. GABARAPL1-26548TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GABARAPL1 with an N terminal His tag; 137aa, 16.2kDa.
Species	Human
Source	E.coli
ProteinLength	117 amino acids
Description	Gamma-aminobutyric acid (GABA) receptor-associated protein-like 1, also known as GABARAPL1, belongs to the MAP1 LC3 family.
Conjugation	HIS
Molecular Weight	16.200kDa inclusive of tags
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMKFQYKEDHPFEYRKKEGEKIRKKYPDRVPVIVEKA
 PKARVPDLDRKRYLVPSDLTVGGFYFLIRKRIHLRPEDALFFFVNNTIPPTSATMGQL
 YEDNHEEDYFLYVAYSDESUYGK

GENE INFORMATION

Gene Name	GABARAPL1 GABA(A) receptor-associated protein like 1 [Homo sapiens]
Official Symbol	GABARAPL1
Synonyms	GABARAPL1; GABA(A) receptor-associated protein like 1; gamma-aminobutyric acid receptor-associated protein-like 1; APG8L; ATG8B; ATG8L; gec1;
Gene ID	23710
mRNA Refseq	NM_031412
Protein Refseq	NP_113600
MIM	607420
Uniprot ID	Q9H0R8
Chromosome Location	12p13.31
Pathway	GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved biosystem; Regulation of autophagy, organism-specific biosystem; Regulation of autophagy, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;

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Function

GABA receptor binding; beta-tubulin binding; protein binding;

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