

## Recombinant Human GABARAPL2, His-tagged

Cat. No. GABARAPL2-27460TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human GABARAPL2 with an N terminal His tag; 137 amino acids with a predicted MWt 15.8 kDa including tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	117 amino acids
<b>Description</b>	GABARAPL2, also known as ATG8, is involved in intra Golgi traffic and modulates intra Golgi transport through coupling between NSF activity and SNAREs activation.
<b>Conjugation</b>	HIS
<b>Molecular Weight</b>	15.800kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 0.2M Sodium chloride, 5mM DTT, 20mM Tris HCl, pH 8.0
<b>Storage</b>	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** MGSSHHHHHSSGLVPRGSHMKWMFKEDHSLEHRCVESAKIRAKYPDRVPVIVEK  
VSGSQIVDIDKRKYLVPDITVAQFMWIIRKRIQLPSEKAIFLVDKTVPQSSLTMGQL  
YEKEKDEDGFLYVAYSGENTFGF

## GENE INFORMATION

<b>Gene Name</b>	GABARAPL2 GABA(A) receptor-associated protein-like 2 [ Homo sapiens ]
<b>Official Symbol</b>	GABARAPL2
<b>Synonyms</b>	GABARAPL2; GABA(A) receptor-associated protein-like 2; gamma-aminobutyric acid receptor-associated protein-like 2; ATG8; ATG8C; GATE 16; GATE16; GEF2;
<b>Gene ID</b>	11345
<b>mRNA Refseq</b>	NM_007285
<b>Protein Refseq</b>	NP_009216
<b>MIM</b>	607452
<b>Uniprot ID</b>	P60520
<b>Chromosome Location</b>	16q22.1
<b>Pathway</b>	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**

ATPase binding; GABA receptor binding; GABA receptor binding; SNARE binding;  
beta-tubulin binding;

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