

Recombinant Human GABARAPL2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length Human GABARAPL2 with an N terminal His tag; 137 amino acids with a predicted MWt 15.8 kDa including tag.
Species	Human
Source	E.coli
ProteinLength	117 amino acids
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.
Conjugation	HIS
Molecular Weight	15.800kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.2M Sodium chloride, 5mM DTT, 20mM Tris HCl, 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

MGSSHHHHHSSGLVPRGSHMKWMFKEDHSLEHRCVESAKIRAKYPDRVPVIVEK
VSGSQIVDIDKRKYLVPSDITVAQFMWIIRKRIQLPSEKAIFLFVDKTV PQSSLTMGQL
YEKEKDEDGFLYVAYSGENTFGF

GENE INFORMATION

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

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

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