

## Recombinant Human GABARAP, His-tagged

Cat. No. GABARAP-26082TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human GABARAP fused to a His tag at the N terminus; amino acids 1-117 ; predicted mwt: 16 kDa;
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-117 a.a.
<b>Description</b>	Gamma-aminobutyric acid A receptors
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 0.2M Sodium chloride, 20mM Tris HCl, pH 8.0
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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<b>Sequences of amino acids</b>	MGSSHHHHHH SSGLVPRGSH MKFVYKEEHP FEKRRSEGEK IRKKYPDRVPVIVEKAPKAR IGDLDKKKYL VPSDLTVGQF YFLIRKRIHL RAEDALFFFVNNVIPPTSAT MGQLYQEHHE EDFFLYIAYS DESVYGL
<b>Sequence Similarities</b>	Belongs to the MAP1 LC3 family.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GABARAP GABA(A) receptor-associated protein [ Homo sapiens ]
<b>Official Symbol</b>	GABARAP
<b>Synonyms</b>	GABARAP; GABA(A) receptor-associated protein; gamma-aminobutyric acid receptor-associated protein; ATG8A; MM46;
<b>Gene ID</b>	11337
<b>mRNA Refseq</b>	NM_007278
<b>Protein Refseq</b>	NP_009209
<b>MIM</b>	605125
<b>Uniprot ID</b>	O95166
<b>Chromosome Location</b>	17p13.1
<b>Pathway</b>	GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved

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biosystem; Regulation of autophagy, organism-specific biosystem; Regulation of autophagy, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;

**Function**

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

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