

Recombinant Human GABARAP, GST-tagged

Cat. No. GABARAP-13085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABARAP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-117a.a.
Description	Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GABARAP GABA(A) receptor-associated protein [Homo sapiens]
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Official Symbol	GABARAP
Synonyms	GABARAP; GABA(A) receptor-associated protein; gamma-aminobutyric acid receptor-associated protein; ATG8A; MM46; GABARAP-a; FLJ25768; MGC120154; MGC120155;
Gene ID	11337
mRNA Refseq	NM_007278
Protein Refseq	NP_009209
MIM	605125
UniProt ID	O95166
Chromosome Location	17p13.1
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;
Function	GABA receptor binding; beta-tubulin binding; microtubule binding; protein binding;