

# Recombinant human Gamma-aminobutyric acid receptor-associated protein

Catalog No: #AP71887

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Package Size: #AP71887-1 20ug #AP71887-2 100ug #AP71887-3 1mg

## Description

Product Name	Recombinant human Gamma-aminobutyric acid receptor-associated protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-117aaSequence Info:Partial
Other Names	GABA(A) receptor-associated protein;MM46
Accession No.	O95166
Uniprot	O95166
GeneID	11337;
Calculated MW	40.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	KFVYKEEHPFEKRRSEGEKIRKKYPDRVPVIVEKAPKARIGDLDKKKYLVPSDLTVGQFYFLIRKRIHLRAEDAL FFFVNNVIPPTSATMGQLYQEHHEEDFFLYIAYSDESIVYGL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Ubiquitin-like modifier that plays a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton. Involved in apoptosis. Involved in autophagy. Whereas LC3s are involved in elongation of the phagophore mbrane, the GABARAP,GATE-16 subfamily is essential for a later stage in autophagosome maturation.

## References

The human homolog of *Saccharomyces cerevisiae* Apg7p is a Protein-activating enzyme for multiple substrates including human Apg12p, GATE-16, GABARAP, and MAP-LC3.Tanida I., Tanida-Miyake E., Ueno T., Kominami E.J. Biol. Chem. 276:1701-1706(2001)Research Topic:Transport

Note: This product is for in vitro research use only