

GABA(A) Receptor-Associated Protein Recombinant Protein | GABARAP recombinant protein

Recombinant Human GABA(A) Receptor-Associated Protein

CATALOG # AAA38692	HOST E Coli
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PRODUCT SYNONYMS

GABA(A) Receptor-Associated Protein; Recombinant Human GABA(A) Receptor-Associated Protein; GABARAP Human; GABA(A) Receptor-Associated Protein Human Recombinant; GBRAP; MM46; GABA(A) receptor-associated protein; Gamma-aminobutyric acid receptor-associated protein; GABARAP; FLJ25768; MGC120154; MGC120155; FLC3B; GABARAP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	GABARAP solution (1mg/ml) containing 20mM Tris-HCl pH-8, 0.2M NaCl and 20% glycerol. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMKF VYKEEHPFEK RRSEGEKIRK KYPDRVPVIV EKAPKARIGD LDKKKYLVP SLTVGQFYFL IRKRIHLRAE DALFFVNNV IPPTSATMGQ LYQEHHEEDF FLYIAYSDES VYGL
Sequence Length	117
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GABARAP recombinant protein	Description: GABARAP Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 137 amino acids (1-117 a.a.) and having a molecular mass of 16 kDa. GABARAP is fused to a 20 amino acid His-Tag at N-Terminus and purified by proprietary chromatographic techniques. Introduction: GABARAP is a ligand-gated chloride channel that mediates inhibitory neurotransmission. GABARAP is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. GABARAP clusters neurotransmitter receptors by mediating interaction with the cytoskeleton.
Product Categories/Family for GABARAP recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; GABA (A) Receptor-Associated Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005764
NCBI GeneID	11337
NCBI Accession #	NP_009209.1
NCBI GenBank Nucleotide #	NM_007278.1
UniProt Accession #	O95166
Molecular Weight	13,918 Da

NCBI Official Full Name	gamma-aminobutyric acid receptor-associated protein
NCBI Official Synonym Full Names	GABA(A) receptor-associated protein
NCBI Official Symbol	GABARAP
NCBI Official Synonym Symbols	MM46; ATG8A; GABARAP-a
NCBI Protein Information	gamma-aminobutyric acid receptor-associated protein
UniProt Protein Name	Gamma-aminobutyric acid receptor-associated protein
UniProt Gene Name	GABARAP
UniProt Synonym Gene Names	FLC3B
UniProt Entry Name	GBRAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gabarap-recombinant-protein-e-coli/38692>