

Recombinant Human GABARAP protein(Met1-Leu117), His&MBP-tagged

Cat. No. GABARAP-288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABARAP (NP_009209.1) (Met1-Leu117) was expressed in E. coli with an N-terminal polyhistidine-tagged MBP tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu117
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human GABARAP consists of 514 amino acids and predicts a molecular mass of 57.5 KDa. It migrates as an approximately 49-58 KDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	GABARAP GABA(A) receptor-associated protein [Homo sapiens]
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

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