

## 32-3852: GABARAP Recombinant Protein

**Alternative Name :** GBRAP,MM46,GABA(A) receptor-associated protein,Gamma-aminobutyric acid receptor-associated protein,GABARAP,FLJ25768,MGC120154,MGC120155,FLC3B.

### Description

Source : Escherichia Coli. 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 6 amino acid His-Tag at N-Terminus and purified by proprietary chromatographic techniques. 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 Info

**Amount :** 50 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** GABARAP solution (1mg/ml) containing 20mM Tris-HCl pH-8, 0.2M NaCl and 20% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MKFVYKEEHP FEKRRSEGEK IRKKYPDRVP VIVEKAPKAR  
IGDLDKKKYL VPSDLTVGQF YFLIRKRIHL RAEDALFFV NNVIPPTSAT MGQLYQEHHE  
EDFFLYIAYS DESVYGL.

