

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 RAEDALFFFV NNVIPPTSAT MGQLYQEHHE EDFFLYIAYS DESVYGL.