

32-7247: Recombinant Human GABA Receptor-Associated Protein-Like 1/GABARAPL1 (N-6His)(Discontinued)

Gene : GABARAPL1

Gene ID : 23710

Uniprot ID : Q9H0R8

Description

Source: E.coli.

MW :16.2kD.

Recombinant Human GABARAPL1 is produced by our E.coli expression system and the target gene encoding Met1-Lys117 is expressed with a 6His tag at the N-terminus. Gamma-Aminobutyric Acid Receptor-Associated Protein-Like 1 (GABARAPL1) is a cytoplasmic protein that belongs to the MAP1 LC3 family. GABARAPL1 is expressed at very high levels in the brain, heart, peripheral blood leukocytes, liver, kidney, placenta, and skeletal muscle. It can interact with GABRG2, OPRK1 and beta-Tubulin. GABARAPL1 increases cell-surface expression of kappa-type opioid receptor through facilitating anterograde intracellular trafficking of the receptor.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : MGSSHHHHHHSSGLVPRGSHMKFYKEDHPFEYRKKEGEKIRKKYPDRVPVIVEKAPKARVPDLDKRKYLVP
DLTVGQFYFLIRKRIHLRPEDALFFVNNTIPPTSATMGQLYEDNHEEDYFLYVAYSDESVDYVGK

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.