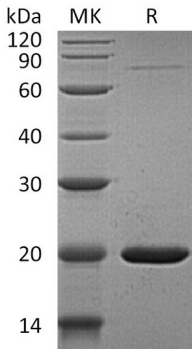
Product Name: Recombinant Human GABARAPL1 (N-6His)
Catalog #: PEH0696

Summary

Name	GABARAPL1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Gamma-Aminobutyric Acid Receptor-Associated Protein-Like 1 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.
Accession #	Q9H0R8
Host	E.coli
Species	Human
Predicted Molecular Mass	16.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	Gamma-Aminobutyric Acid Receptor-Associated Protein-Like 1; Early Estrogen-Regulated Protein; GABA(A) Receptor-Associated Protein-Like 1; Glandular Epithelial Cell Protein 1; GEC-1; GABARAPL1; GEC1
Background	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 β-Tubulin. GABARAPL1 increases cell-surface expression of kappa-type opioid receptor through facilitating anterograde intracellular trafficking of the receptor.

Note

For Research Use Only , Not for Diagnostic Use.