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Datasheet for ABIN7318509

**GABARAPL1 Protein (His tag)**

## Overview

Quantity:	50 µg
Target:	GABARAPL1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GABARAPL1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human GABARAPL1 Protein (His Tag)
Sequence:	Met 1-Lys117
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	GABARAPL1
Alternative Name:	GABARAPL1 ( <a href="#">GABARAPL1 Products</a> )
Background:	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

## Target Details

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.

Synonym: 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

Molecular Weight: 16.2 kDa

UniProt: [Q9H0R8](#)

Pathways: [Autophagy](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.