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## Product Data Sheet

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Product Name: GABARAPL2 Human  
 Cat. No.: GP23525  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GABA(A) receptor-associated protein-like 2; GATE-16; GEF2; ATG8; ATG8C; Ganglioside expression factor 2; General protein transport factor p16; Golgi-associated ATPase enhancer of 16 kDa; MAP1 light chain 3-related protein; gamma-aminobutyric acid receptor-associated protein-like 2; MAP1 light chain 3 related protein; FLC3A.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MKWMFKEDHS LEHRCVESAK IRAKYPDRVP VIVEKVSGSQ IVDIDKRKYL VPSDITVAQF MWIIRKRIQL PSEKAIFLFV DKTVPQSSLT MGQLYEKEKD EDGFLYVAYS GENTFGF		
Formulation	The GABARAPL2 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol.		

### Introduction

GABARAPL2 takes part in intra Golgi traffic and modulates intra Golgi transport by coupling between NSF activity and SNAREs activation. GABARAPL2 first stimulates the ATPase activity of NSF which in turn stimulates the association with GOSR1.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

### Background

GABARAPL2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 137 amino acids (1-117a.a.) and having a molecular mass of 15.8kDa. GABARAPL2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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