

GABARAP Protein, Human (His-MBP)

Cat. No.:	HY-P76942
Synonyms:	GABA(A) Receptor-Associated Protein; HCG1987397 Isoform CRA_b
Species:	Human
Source:	E. coli
Accession:	O95166 (M1-L117)
Gene ID:	11337
Molecular Weight:	49-58 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The D6/7 E3 ubiquitin ligase complex is responsible for regulating the process of ubiquitination and degradation of TIAM1, a guanyl-nucleotide exchange factor (GEF) that activates RAC1 and downstream signal transduction. This complex plays a role in various biological processes including the organization of the cytoskeleton, cell migration, proliferation, and apoptosis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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