

## Recombinant Human GIMAP2 protein, His-tagged

Cat. No. GIMAP2-3419H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GIMAP2 protein(1-258 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-258 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AASequence</b>	MDQNEHSHWGPFAKGGQCASRSELRIILVGKTGTGKSAAGNSILRKQAFESKLGST LTKTCSKSQGSWGNREIIVIDTPDMFSWKDHCEALYKEVQRCYLLSAPGPHVLLLVT QLGRYTSQDQQAQRVKEIFGEDAMGHTIVLFTHKEDLNGGSLMDYMHDSDNKAL SKLVAACGGRICAFNNRAEGSNQDDQVKELMDCIEDLLMEKNGDHYTNGLYSLIQR SKCGPVGSDERVKEFKQSLIKYMETQRSYALAE
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

**Gene Name** GIMAP2 GTPase, IMAP family member 2 [ Homo sapiens ]

**Official Symbol** GIMAP2

**Synonyms** GIMAP2; GTPase, IMAP family member 2; GTPase IMAP family member 2; DKFZp586D0824; HIMAP2; IMAP2; immunity associated protein 2; immunity-associated protein 2; MGC24275;

**Gene ID** 26157

**mRNA Refseq** NM\_015660

**Protein Refseq** NP\_056475

**MIM** 608085

**UniProt ID** Q9UG22

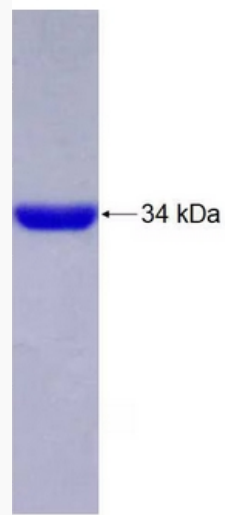
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SDS-PAGE



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