

Recombinant Human GIMAP7 protein, GST-tagged

Cat. No. GIMAP7-13258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GIMAP7 protein(1-300 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-300 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAESEDRLRIVLVGKTGSGKSATANTILGEEIFDSRIAAQAVTKNCQKASREWQGR DLLVVDTPGLFDTKESLDTTCKEISRCIISCPGPHAIVLVLLGRYTEEEQKTVALIKA VFGKSAMKHMVILFTRKEELEGQSFHDFIADADVGLKSIVKECGNRCCAFSNSKKTS KAEKESQVQELVELIEKMVQCNEGAYFSDDIYKDTEERLKQREEVLRKIYTDQLNEEI KLVEEDKHKSEEEKEKEIKLLKLKYDEKIKNIREEAERNIFKDVFNRIWKMLSEIWHRF LSKCKFYSS
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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 GIMAP7 GTPase, IMAP family member 7 [Homo sapiens]

Official Symbol GIMAP7

Synonyms GIMAP7; GTPase, IMAP family member 7; GTPase IMAP family member 7; IAN7; MGC27027; IAN-7; immune associated nucleotide; immunity-associated nucleotide 7 protein; hIAN7;

Gene ID 168537

mRNA Refseq NM_153236

Protein Refseq NP_694968

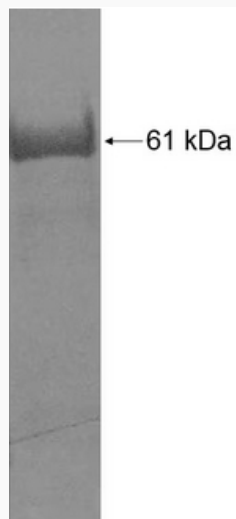
UniProt ID Q8NHV1

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SDS-PAGE



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