

GTPase, IMAP Family Member 5 Human Recombinant

Item Number	rAP-3350
Synonyms	GTPase IMAP family member 5, Immunity-associated nucleotide 4-like 1 protein, Immunity-associated nucleotide 5 protein, IAN-5, hIAN5, Immunity-associated protein 3, GIMAP5, IAN4L1, IAN5, IMAP3, HIMAP3, IAN4, IROD.
Description	GIMAP5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (1-284) and having a molecular mass of 34.4 kDa. GIMAP5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96F15
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMGGFQRG KYGTMAEGRS EDNLSATPPA LRILVGKTG CGKSATGNSI LGQPVFESKL RAQSVTRTCQ VKTGTWNGRK VLVVDTPSIF ESQADTQELY KNIGDCYLLS APGPHVLLLV IQLGRFTAQD TVAIRKVKEV FGTGAMRHVV ILFTHKEDLG GQALDDYVAN TDNCSLKDLV RECERRYCAF NNWGSVEEQR QQQAELLAVI ERLGREREGS FHSNDLFLDA QLLQRT- GAGA CQEDYRQYQA KVEWQVEKHK QELRENESNW AYKALLRVKH LMLLHYE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The GIMAP5 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**