
Product Data Sheet

Product Name: RAB3IL1 Human

Cat. No.: GP24299

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GRAB; Rab-3A-interacting-like protein 1; Guaninenucleotide exchange factor for Rab-3A; Rab3A-interacting-like protein 1; Rabin3-like1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMWSGPPQ PDQGLPPPLA AVPVPWKSTD PCQGHRESPG ALVETSAGEEAQGQEGPAAA QLDVLRRLRSS SMEIREKGSE FLKEELHRAQ KELKLDDEEC ERLSKVREQL EQELEELTAS LFEEAHKMOVREANMKQAASE KQLKEARGKI DMLQAEVTAL KTLVITSTPA SPNRELHPQL LSPTKAGPRK GHSRHKSTSSTLCPAVCPAA GHTLTPDREG KEVDLILFAE FQAWRESPTL DKTCPFLERV YREDVGPCLD FTMQELSVLVRAAVEDNTLT IEPVASQTLP TVKVAEVDSCS STNTCALSGL TRTCRHRIRL GDSKSHYYIS PSSRARITAVCNFFTYIRYI QQGLVRQDAE PMFWEIMRLR KEMSLAKLGF FPQEA.		
Formulation	RAB3IL1 protein solution (0.25mg/ml) containing Phosphatebuffer saline (pH 7.4) and 50% glycerol.		

Introduction

RAB3A Interacting Protein Like 1 (RAB3IL1) is a 382 amino acid protein which is a member of the SEC2 family. RAB3IL1 is a guanine nucleotide exchange factor (GEF) for Rab3A. RAB3IL1 competes for interaction with Rab3A and IHPK1 via its coiled coil domain, which doesn't involve IHPK1 kinase activity.

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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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RAB3IL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 405 amino acids (1-382a.a) and having a molecular mass of 45kDa. RAB3IL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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