9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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GDI2 Human

GDP Dissociation Inhibitor 2 Human Recombinant
RCP0905

Product Overview

Name	GDI2 Human
Description	
GDP Dissociation Inhibitor 2 Human Recombinant	
Accession (Primary)	P50395
Synonyms	
GDP Dissociation Inhibitor 2, GDI2, RABGDIB, Guanosine Diphosphate Dissociation Inhibitor 2 , Rab GDI Beta , GDI-2, Epididymis Secretory Sperm Binding Protein Li 46e, Rab GDP Dissociation Inhibitor Beta , Rab GDP-Dissociation , HEL-S-46e.	
Introduction	
Rab GDP dissociation inhibitor beta isoform 1 (GDI2) is a member of the GDP dissociation inhibitors (GDIs) family. GDI proteins can bind and release GDP-bound Rab proteins from membranes. GDI1 interacts with virtually all of the Rab proteins, whereas GDI2 interacts with Rabll but not Rab3A. GDI2 distributes ubiquitously, presenting a membrane bound location in perinuclear regions of cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The GDI2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MNEEYDV IVLGTGLTEC ILSGIMSVNG KKVLHMDRNP YYGGESASIT PLEDLYKRFK IPGSPPESMG RGRDWNVDLI PKFLMANGQL VKMLLYTEVT RYLDFKVTEG SFVYKGGKIY KVPSTEAEAL ASSLMGLFEK RRFRKFLVYV ANFDEKDPRT FEGIDPKKTT MRDVYKKFDL GQDVIDFTGH	

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ALALYRTDDY LDQPCYETIN RIKLYSESLA RYGKSPYLYP LYGLGELPQG FARLSAIYGG TYMLNKPIEE IIVQNGKVIG VKSEGEIARC KQLICDPSYV KDRVEKVGQV IRVICILSHP IKNTNDANSC QIIIPQNQVN RKSDIYVCMI SFAHNVAAQG KYIAIVSTTV ETKEPEKEIR PALELLEPIE QKFVSISDLL VPKDLGTESQ IFISRTYDAT THFETTCDDI KNIYKRMTGS EFDFEEMKRK KNDIYGED.

Precautions

GDI2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P50395)