

Product datasheet for **AR51474PU-S**

Rab GDI beta / GDI2 (1-445, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Rab GDI beta / GDI2 (1-445, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMNEEYDV IVLGTGLTEC ILSGIMSVNG KKVLMHDRNP YGGESASIT PLEDLYKRFK IPGSPPESMG RGRDWNVDLI PKFLMANGQL VKMLLYTEVT RYLDFKVTEG SFVYKGGKIY KVPSTEAEL ASSLMGLFEK RRFRKFLVYV ANFDEKDPRT FEGIDPKKTT MRDVYKKFDL GQDVIDFTGH ALALYRTDDY LDQPCYETIN RIKLYSESLA RYGKSPYLYP LYGLGELPQG FARLSAIYGG TYMLNKPIEE IIVQNGKVIK VKSEGEIARC KQLICDPSYV KDRVEKVGQV IRVICILSHP IKNTNDANSC QIIPQNQVN RKSDIYVCM I SFAHNVAAG KYIAIVSTTV ETKEPEKEIR PALELLEPIE QKFVSISDLL VPKDLGTESQ IFISRTYDAT THFETTCDI KNIYKRMTGS EFDPEEMKRK KNDIYGED
Tag:	His-tag
Predicted MW:	53.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GDI2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001108628
Locus ID:	2665
UniProt ID:	P50395 , Q6IAT1



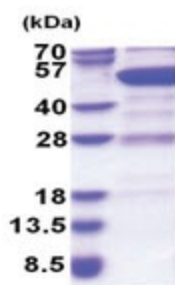
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Cytogenetics: 10p15.1

Synonyms: HEL-S-46e; RABGDIB

Summary: GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI2 is ubiquitously expressed. The GDI2 gene contains many repetitive elements indicating that it may be prone to inversion/deletion rearrangements. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Product images:



15% SDS-PAGE (3ug)