

Datasheet for ABIN7479184

## GDI2 Protein (AA 1-441, partial) (GST tag)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	GDI2
Protein Characteristics:	AA 1-441, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDI2 protein is labelled with GST tag.
Application:	ELISA

#### Product Details

Sequence:	<p>MNEEYDVIVL GTGLTECILS GIMSVNGKKV LHMDRNPYYG GESASITPLE DLYKRFKIPG</p> <p>SPPEMGRGR DWNVDLIPKF LMANGQLVKM LLYTEVTRYL DFKVTEGSFV YKGGKIYKVP</p> <p>STEAELASS LMGLFEKRRF RKFLVYVANF DEKDPRTFEG IDPKKTTMRD VYKKFDLGQD</p> <p>VIDFTGHALA LYRTDDYLDQ PCYETINRIK LYSESLARYG KSPYLYPLYG LGELPQGFAR</p> <p>LSAIYGGTYM LNKPIEEIIV QNGKVIGVKS EGEIARCKQL ICDPSYVKDR VEKVGQVIRV ICILSHPIKN</p> <p>TNDANSCQII IPQNQVNRKS DIYVCMISFA HNVAAGKYI AIVSTTVETK EPEKEIRPAL</p> <p>ELLEPIEQKF VSISDLLVPK DLGTESQIFI SRTYDATTHF ETTCD DIKNI YKRMTGSEFD</p> <p>FEEMKRKKND I</p>
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

## Target Details

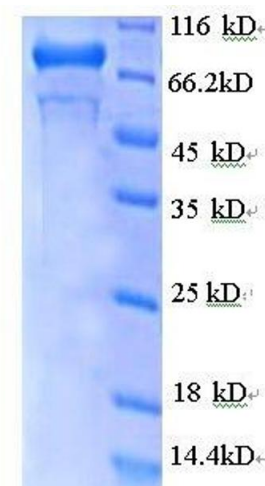
Target:	GDI2
Alternative Name:	Rab GDP dissociation inhibitor beta protein ( <a href="#">GDI2 Products</a> )
Background:	Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.
Molecular Weight:	77.6 kD
UniProt:	<a href="#">P50395</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

**Image 1.** GDP Dissociation Inhibitor 2 (GDI2) (AA 1-441), (partial) protein (GST tag)