

Datasheet for ABIN7547870  
**GDI1 Protein (AA 1-447) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GDI1
Protein Characteristics:	AA 1-447
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDI1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat GDI1 Protein expressed in mammalian cells.
Sequence:	<p>MDEEYDVIVL GTGLTECILS GIMSVNGKKV LHMDRNPYYG GESSITPLE ELYKRFQLE</p> <p>GPPESMGRGR DWNVDLIPKF LMANGQLVKM LLYTEVTRYL DFKVVEGSFV YKGGKIYKVP</p> <p>STETEALASN LMGMFEKRRF RKFLVFVANF DENDPKTFEG VDPQTSMRD VYRKFDLGQD</p> <p>VIDFTGHALA LYRTDDYLDQ PCLETVNRIK LYSESLARYG KSPYLYPLYG LGELPQGFAR</p> <p>LSAIYGGTYM LNKPVDDIIM ENGKVVGVS EGEVARCKQL ICDPSYIPDR VRKAGQVIRI</p> <p>ICILSHPIKN TNDANSCQII IPQNQVNRKS DIYVCMISYA HNVAAGKYI AIASTTVETT</p> <p>DPEKEVEPAL ELLEPIDQKF VAISDLYEPI DDGCESQVFC SCSYDATTHF ETTCDNIKDI</p> <p>YKRMAGTAFD FENMKRKQND VFGEAEQ <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul>
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This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

Target:	GDI1
Alternative Name:	GDI1 ( <a href="#">GDI1 Products</a> )
Background:	Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (Oligophrenin-2) (Protein XAP-4),FUNCTION: 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. Promotes the dissociation of GDP-bound Rab proteins from the membrane and inhibits their activation. Promotes the dissociation of RAB1A, RAB3A, RAB5A and RAB10 from membranes. {ECO:0000269 PubMed:23815289}.
Molecular Weight:	50.6 kDa
UniProt:	<a href="#">P31150</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months