

Datasheet for ABIN7548443

IPP Isomerase 2 Protein (IDI2) (AA 1-227) (His tag)



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Overview

Quantity:	1 mg
Target:	IPP Isomerase 2 (IDI2)
Protein Characteristics:	AA 1-227
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IPP Isomerase 2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat IDI2 Protein expressed in mammalian cells.
Sequence:	<p>MSDINLDWVD RRQLQRLEEM LIVVDENDKV IGADTKRNCH LLENIEKGLL HRAFSVVLFN</p> <p>TKNRILIQQR SDTKVTFPGY FTDSCSSHPL YNPAELEEKD AIGVRRAAQR RLQAEIGIPG</p> <p>EQISPEDIVF MTIYHHKAKS DRIWGEHEIC YLLLVKRNVT LNPDPSETKS ILYLSQEELW</p> <p>ELLEREARGE VKVTPWLRTI AERFLYRWWP HLDDVTPFVE LHKIHRV Sequence without tag.</p> <p>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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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

Grade: custom-made

Target Details

Target: IPP Isomerase 2 (IDI2)

Alternative Name: IDI2 ([IDI2 Products](#))

Background: Isopentenyl-diphosphate delta-isomerase 2 (EC 5.3.3.2) (Isopentenyl pyrophosphate isomerase 2) (IPP isomerase 2) (IPPI2),FUNCTION: Catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP). {ECO:0000269|PubMed:17202134}.

Molecular Weight: 26.8 kDa

UniProt: [Q9BXS1](#)

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 guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Handling

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