

Product datasheet

Recombinant Human IDI2 protein ab105602

1 Image

Description

Product name	Recombinant Human IDI2 protein
Purity	> 80 % SDS-PAGE. ab105602 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9BXS1
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSSLVPRGSH MSDINLDWVD RRQLQRLEEM LVMVDENDKV IGADTKRNCH LNENIEKGLL HRAFSVVLFN TKNRILIQQR SDTKVTFPGYFTDSCSSHPL YNPAELEEKD AIGVRRAAQR RLQAE LGIPG EQISPEDIVF MTYHHKAKS DRWGEHEIC YLLLVRKNVT LNPDPSETKS ILYLSQEELW ELLEREARGE VKVTPWLRTI AERFLYRWWP HLDDVTPFVE LHKIHRV
Predicted molecular weight	29 kDa including tags
Amino acids	1 to 227
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab105602** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.00174% PMSF, 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function

Catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP).

Tissue specificity

Detected in skeletal muscle.

Pathway

Isoprenoid biosynthesis; dimethylallyl diphosphate biosynthesis; dimethylallyl diphosphate from isopentenyl diphosphate: step 1/1.

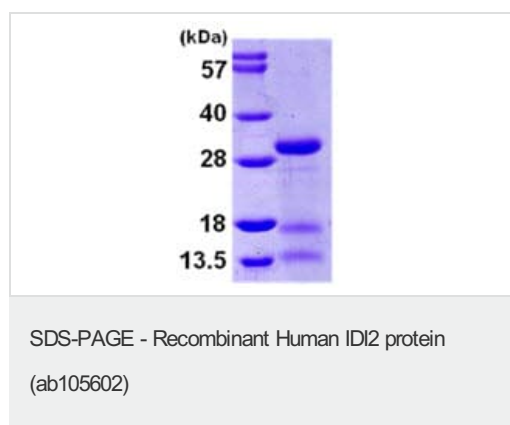
Sequence similarities

Belongs to the IPP isomerase type 1 family.
Contains 1 nudix hydrolase domain.

Cellular localization

Peroxisome.

Images



15% SDS-PAGE showing ab105602 (3µg) at approximately 28.9 kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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