

Recombinant Human IDI2, His-tagged

Cat. No. IDI2-28081TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human IDI2 with an N terminal His tag; 247 amino acids with the tag, predicted mwt: 28.9 kDa.
Species	Human
Source	E.coli
ProteinLength	227 amino acids
Conjugation	HIS
Molecular Weight	28.900kDa inclusive of tags
Tissue specificity	Detected in skeletal muscle.
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, 0.1mM PMSF, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MSDINLDWVD RRQLQRLEEM LIVVDENDKV
 IGADTKRNCH LNEIEKGLL HRAFSVVLFN TKNRILIQQR SDTKVTFPGY
 FTDSCSSHPL YNPAAELEEKD AIGVRRAAQR RLQAELGIPG EQISPEDIVF
 MTIYHHKAKS DRIWGEHEIC YLLLVRKNVT LNPDPSETKS ILYLSQEELW
 ELLEREARGE VKVTPWLRTI AERFLYRWWP HLDDVTPFVE LHKIHRV

Sequence Similarities

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

GENE INFORMATION

Gene Name [IDI2 isopentenyl-diphosphate delta isomerase 2 \[Homo sapiens \]](#)

Official Symbol [IDI2](#)

Synonyms IDI2; isopentenyl-diphosphate delta isomerase 2; isopentenyl-diphosphate Delta-isomerase 2; IPP12;

Gene ID [91734](#)

mRNA Refseq [NM_033261](#)

Protein Refseq [NP_150286](#)

Uniprot ID [Q9BXS1](#)

Chromosome Location 10p15.3

Pathway C5 isoprenoid biosynthesis, mevalonate pathway, organism-specific biosystem; C5 isoprenoid biosynthesis, mevalonate pathway, conserved biosystem; Cholesterol biosynthesis, organism-specific biosystem; Metabolic pathways, organism-specific

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	biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;
Function	hydrolase activity; isomerase activity; isopentenyl-diphosphate delta-isomerase activity; metal ion binding;

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