

Recombinant Human IDI2 Protein (Met1-Val227), C-His tagged

Cat. No. IDI2-3645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IDI2 (Met1-Val227) protein fused with the C-terminal His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Val227
Description	The protein encoded by this gene catalyzes the conversion of isopentenyl diphosphate to dimethylallyl diphosphate, which is a precursor for the synthesis of cholesterol and other isoprenoids. This gene, which is a product of an ancestral gene duplication event, encodes a protein that may be involved in the aggregation of alpha-synuclein in the cerebral cortex of patients with Lewy body disease. In addition, segmental copy number gains in this locus have been associated with sporadic amyotrophic lateral sclerosis.
Molecular Mass	24.97 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

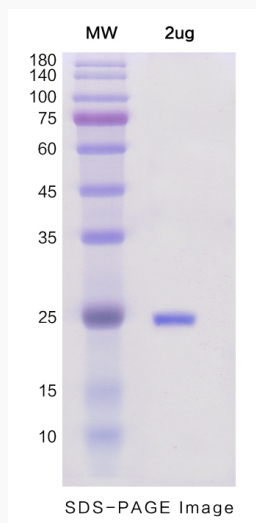
Gene Name	IDI2 isopentenyl-diphosphate delta isomerase 2 [Homo sapiens (human)]
Official Symbol	IDI2
Synonyms	IDI2; isopentenyl-diphosphate delta isomerase 2; isopentenyl-diphosphate Delta-isomerase 2; IPP12; IPP isomerase 2; isopentenyl pyrophosphate isomerase 2; diphosphate dimethylallyl diphosphate isomerase 2;
Gene ID	91734
mRNA Refseq	NM_033261
Protein Refseq	NP_150286
MIM	615389
UniProt ID	Q9BXS1

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SDS-PAGE



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