

## Isopentenyl-Diphosphate Delta Isomerase 2 Human Recombinant

<b>Item Number</b>	rAP-1212
<b>Synonyms</b>	Isopentenyl-diphosphate Delta-isomerase 2, Isopentenyl pyrophosphate isomerase 2, IPP isomerase 2, IPPI2, IDI2.
<b>Description</b>	IDI2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 247 amino acids (1-227 a.a.) and having a molecular mass of 28.9kDa.IDI2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9BXS1
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MSDINLDWVD RRQLQRLEEM LIVVDENDKV IGADTKRNCH LNENIEKGLL HRAFSVVLFN TKNRILIQQR SDKVTFPGY FTDCSSHPL YNPAELEEKD AIGVRRAAQR RLQALGIPG EQISPEDIVF MTIYHHKAKS DRIWGEHEIC YLLLVRKNVT LNPDPSETKS ILYLSQEELW ELLEREARGE VKVTPWLRTI AERFLYRWWP HLDDVTPFVE LHKIHRV.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	IDI2 solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 1mM DTT and 0.1mM PMSF. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**