

Human IDI2 Recombinant Protein



RPPB1843

Product Information Protein Information

Product SKU:

RPPB1843

Accession:

Q9BXS1

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Isopentenyl-diphosphate Delta-isomerase 2, Isopentenyl pyrophosphate isomerase 2, IPP isomerase 2, IPP12, IDI2.

Formulation:

IDI2 solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 1mM DTT and 0.1mM PMSF.

Purity:

Greater than 80.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSDINLDWVD RRQLQRLEEM LIVVDENDKV IGADTKRNCH LNIENIEKGLL
HRAFSVVLFN TKNRILIQQR SDTKVTFPGY FTDCSSHPL YNPAALEEKD AIGVRRAAQR RLQAE LGIPG
EQISPEDIVF MTIYHHKAKS DRIWGEHEIC YLLVRKNVT LNPDPSETKS ILYLSQEELW ELLEREARGE
VKVTPWLRTI AERFLYRWWP HLDDVTPFVE LHKIHRV.