

Human IDI1 Recombinant Protein



RPPB1842

Product Information Protein Information

Product SKU:

RPPB1842

Accession:

Q13907

Host:

E.coli.

Protein description:

IDI1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 248 amino acids (1-228) and having a molecular mass of 28.6kDa. IDI1 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 1, Isopentenyl pyrophosphate isomerase 1, IPP isomerase 1, IPP1, IDI1, IPP1.

Formulation:

The IDI1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.

Purity:

Greater than 90% 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:

MGSSHHHHH SGLVPRGSH MMPEINTNHL DKQQVQLLAE MCILIDENDN KIGAETKKNC HLNENIEKGL
LHRAFSVFLF NTENKLLQ RSDAKITFPG CFTNTCCSHP LSNPAELES DALGVRRAAQ RRLKAELGIP
LEEVPPEIN YLTRIHKAQ SDGIWGEHEI DYILLVRKNV TLNPDNEIK SYCVSKEEL KELLKKAASG EIKITPWFKI
IAATFLKWW DNLNHLNQFV DHEKIYRM.