

# Product datasheet for TP720549M

### IDI2 (NM\_033261) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of human isopentenyl-diphosphate delta isomerase 2 (IDI2) Species: Human E. coli **Expression Host: Expression cDNA Clone** Met1-Val227 or AA Sequence: N-His Tag: Predicted MW: 28.9 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test Store at -80°C. Storage: Stability: Stable for at least 3 months from date of receipt under proper storage and handling conditions. NP 150286 **RefSeq:** Locus ID: 91734 **UniProt ID:** Q9BXS1 Cytogenetics: 10p15.3 IPPI2 Synonyms: Summary: 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. [provided by RefSeq, Jul 2016] **Protein Pathways:** Metabolic pathways, Terpenoid backbone biosynthesis

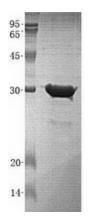


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## **Product images:**



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