

**Recombinant Human IMP1 / IMPA1 Protein (His tag)**

**Cat.NO.: TP06772**

3th Edition

**Synonyms:**IMP;IMPA

**Description:**The IMPA1 gene product is responsible for the final step of biotransformation of inositol triphosphate and diacylglycerol, two second messengers. Despite its many physiological functions, no clinical phenotype has been assigned to this gene dysfunction to date. Additionally, IMPA1 is the main target of lithium, a drug that is at the forefront of treatment for bipolar disorder.

**Form:**PBS

**Molecular Weight:**32.4 kDa

**Sequences:**Met 1-Asp277

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.