

Product datasheet for **AR09853PU-N**

Inositol monophosphatase 2 / IMPA2 (1-288, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Inositol monophosphatase 2 / IMPA2 (1-288, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MKPSGEDQAA LAAGPWEECF QAAVQLALRA GQIIRKALTE EKRVSTKTS AADLVTTEDHL VEDLIISLR ERFPSHRFIA EAAAASGAKC VLTHSPTWII DPIDGTCNFV HRFPTVA VSI GFAVRQLEF GVIYHCTEER LYTGRRRGRGA FCNGQRLRVS GETDLSKALV LTEIGPKRDP ATLKLFLSNM ERLHAKAHG VRVIGSSTLA LCHLASGAAD AYYQFGLHCW DLAAATVIIR EAGGVIDTS GGPLDLMACR VVAASTREMA MLIAQALQTI NYGRDDEK
Tag:	His-tag
Predicted MW:	33.5 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IMPA2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_055029
Locus ID:	3613
UniProt ID:	O14732
Cytogenetics:	18p11.21



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Summary: This locus encodes an inositol monophosphatase. The encoded protein catalyzes the dephosphorylation of inositol monophosphate and plays an important role in phosphatidylinositol signaling. This locus may be associated with susceptibility to bipolar disorder. [provided by RefSeq, Jan 2011]

Protein Pathways: Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

Product images:

