

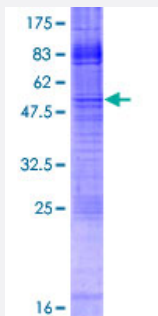
Full-Length

IMPA2 (Human) Recombinant Protein (P01)

Catalog # H00003613-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IMPA2 full-length ORF (NP_055029.1, 1 a.a. - 288 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKPSGEDQAALAAGPWEECFQAAVQLALRAGQIIKALTEEKRVSTKTSAADLVTETDHLVEDLII SELRERFPSHRFIAEEAAAASGAKCVLTHSPTWIIDPIDGTCNFVHRFPTVAVSIGFAVRQELEFGVIY HCTEERLYTGRRGRGAF CNGQRLRVSGETDL SKALVLTEIGPKRDPATLKLFLSNMERLLHAKAH GVRVIGSSTLALCHLASGAADAYYQFGLHCWDLAAATVIREAGGMIDTSGGPLDLMACRVVAAS REMAMLIAQALQTINYGRDDEK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	57.7
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IMPA2

Entrez GeneID	3613
GeneBank Accession#	NM_014214.1
Protein Accession#	NP_055029.1
Gene Name	IMPA2
Gene Alias	-
Gene Description	inositol(myo)-1(or 4)-monophosphatase 2
Omim ID	605922
Gene Ontology	Hyperlink
Other Designations	inosine monophosphatase 2 inositol monophosphatase 2 variant 1 inositol monophosphatase 2 variant 2

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Streptomycin biosynthesis](#)

Disease

- [Bipolar Disorder](#)
- [Brain Ischemia](#)
- [Cerebrovascular Accident](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mood Disorders](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Seizures](#)
- [Stroke](#)