Recombinant Human IMPA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IMPA2-1611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IMPA2 MS Standard C13 and N15-labeled recombinant protein (NP_055029) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This locus encodes an inositol monophosphatase. The encoded protein catalyzes the dephosphoylration of inositol monophosphate and plays an important role in phosphatidylinositol signaling. This locus may be associated with susceptibility to bipolar disorder.
Molecular Mass	31.3 kDa
AA Sequence	MKPSGEDQAALAAGPWEECFQAAVQLALRAGQIIRKALTEEKRVSTKTSAADLVTET DHLVEDLIISELRERFPSHRFIAEEAAASGAKCVLTHSPTWIIDPIDGTCNFVHRFPTV AVSIGFAVRQELEFGVIYHCTEERLYTGRRGRGAFCNGQRLRVSGETDLSKALVLTE IGPKRDPATLKLFLSNMERLLHAKAHGVRVIGSSTLALCHLASGAADAYYQFGLHCW DLAAATVIIREAGGIVIDTSGGPLDLMACRVVAASTREMAMLIAQALQTINYGRDDEK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

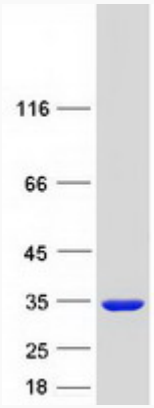
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	IMPA2 inositol monophosphatase 2 [Homo sapiens (human)]
Official Symbol	IMPA2
Synonyms	IMPA2; inositol(myo)-1(or 4)-monophosphatase 2; inositol monophosphatase 2; IMP 2; IMPase 2; inosine monophosphatase 2; myo-inositol monophosphatase A2; inositol monophosphatase 2 variant 1; inositol monophosphatase 2 variant 2;
Gene ID	3613
mRNA Refseq	NM_014214
Protein Refseq	NP_055029
MIM	605922
UniProt ID	O14732

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SDS-PAGE	

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