

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 dephosphorylation 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 AVSIGFAVRQELEFGVIYHCTEERLYTGRRGRGAFNGQRLRVSGETDLSKALVLTE 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

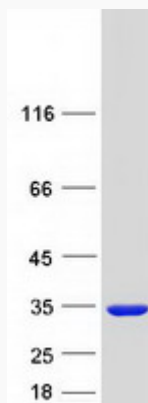
MIM 605922

UniProt ID O14732

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SDS-PAGE

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