

Recombinant Human ISYNA1 Protein, MYC/DDK-tagged

Cat. No. ISYNA1-2616H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human ISYNA1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

Description This gene encodes an inositol-3-phosphate synthase enzyme. The encoded protein plays a critical role in the myo-inositol biosynthesis pathway by catalyzing the rate-limiting conversion of glucose 6-phosphate to myoinositol 1-phosphate. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 4.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 60.9 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name ISYNA1 inositol-3-phosphate synthase 1 [Homo sapiens]

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Official Symbol	ISYNA1
Synonyms	INO1; INOS; IPS; IPS 1; IPS-1
Gene ID	51477
mRNA Refseq	NM_001170938.1
Protein Refseq	NP_001164409.1
MIM	611670
UniProt ID	Q9NPH2

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