

Active Recombinant Human SYNJ1 Protein, Myc/DDK-tagged

Cat. No. SYNJ1-3074H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human synaptojanin 1 (SYNJ1), transcript variant 2 with a C-Myc/DDK was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a phosphoinositide phosphatase that regulates levels of membrane phosphatidylinositol-4,5-bisphosphate. As such, expression of this enzyme may affect synaptic transmission and membrane trafficking. Multiple transcript variants encoding different isoforms have been found for this gene.
Bio-activity	In vitro kinase assay substrate.
Molecular Mass	149.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name [SYNJ1 synaptojanin 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [SYNJ1](#)

Synonyms

SYNJ1; synaptojanin 1; DEE53; EIEE53; INPP5G; PARK20; synaptojanin-1; inositol 5'-phosphatase (synaptojanin 1); inositol polyphosphate-5-phosphatase G; phosphoinositide 5-phosphatase; synaptic inositol 1,4,5-trisphosphate 5-phosphatase 1; synaptojanin-1, polyphosphoinositide phosphatase; EC 3.1.3.36

Gene ID [8867](#)

mRNA Refseq [NM_203446](#)

Protein Refseq [NP_982271](#)

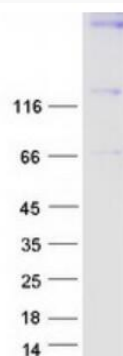
MIM [604297](#)

UniProt ID [O43426](#)

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SDS-PAGE

Coomassie blue staining of purified SYNJ1 protein. The protein was produced from HEK293T cells transfected with SYNJ1 cDNA clone using MegaTran 2.0.

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