

## Recombinant Human SYNJ2 cell lysate

Cat. No. SYNJ2-1732HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	Synaptojanin-2 is a ubiquitously expressed inositol polyphosphate 5-phosphatase (Malecz et al., 2000 [PubMed 11084340]).
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SYNJ2 synaptojanin 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	SYNJ2
<b>Synonyms</b>	SYNJ2; synaptojanin 2; synaptojanin-2; INPP5H; inositol phosphate 5-phosphatase 2; synaptic inositol-1,4,5-trisphosphate 5-phosphatase 2; KIAA0348; MGC44422;
<b>Gene ID</b>	<a href="#">8871</a>
<b>mRNA Refseq</b>	<a href="#">NM_001178088</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Protein Refseq</b>	NP_001171559
<b>MIM</b>	609410
<b>UniProt ID</b>	O15056
<b>Chromosome Location</b>	6q25.3
<b>Pathway</b>	1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), organism-specific biosystem; 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), conserved biosystem; 3-phosphoinositide degradation, organism-specific biosystem; 3-phosphoinositide degradation, conserved biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, conserved biosystem; D-myo-inositol (1,4,5)-trisphosphate degradation, organism-specific biosystem;
<b>Function</b>	PDZ domain binding; RNA binding; SH3 domain binding; hydrolase activity; inositol-polyphosphate 5-phosphatase activity; nucleotide binding; phosphatidylinositol-4,5-bisphosphate 5-phosphatase activity; phosphoric ester hydrolase activity; protein binding;

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