

Recombinant Human SYNPO Protein, His-tagged

Cat. No. SYNPO-2746H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human SYNPO Protein (Ser363-Gln490) with a N-His tag was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Ser363-Gln490 |
| Description | Synaptopodin is an actin-associated protein that may play a role in actin-based cell shape and motility. The name synaptopodin derives from the protein's associations with postsynaptic densities and dendritic spines and with renal podocytes (Mundel et al., 1997 [PubMed 9314539]). |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 17.09 kDa Accurate Molecular Mass: 19 kDa |
| Endotoxin | <1.0 EU per 1g (determined by the LAL method). |
| Purity | > 90% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Storage Buffer | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Reconstitution | Reconstitute in PBS or others. |

GENE INFORMATION

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| Gene Name | SYNPO synaptopodin [Homo sapiens (human)] |
| Official Symbol | SYNPO |
| Synonyms | SYNPO; synaptopodin; KIAA1029; |
| Gene ID | 11346 |
| mRNA Refseq | NM_001109974 |
| Protein Refseq | NP_001103444 |
| MIM | 608155 |
| UniProt ID | Q8N3V7 |

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