

Recombinant Human SYNPO Protein, His-tagged

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

SPECIFICATION

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.

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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	
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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