

Recombinant Human SYNPO protein, His & GST-tagged

Cat. No. SYNPO-8137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYNPO aa. (Asn97~Met300 (Accession # Q8N3V7)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn97~Met300
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.0.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

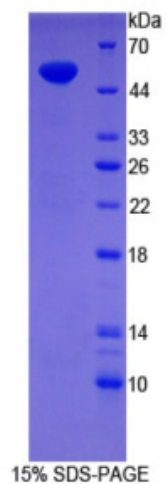
Gene Name	SYNPO synaptopodin [Homo sapiens (human)]
Official Symbol	SYNPO
Synonyms	synaptopodin
Gene ID	11346
mRNA Refseq	NM_001109974.2
Protein Refseq	NP_001103444.1
UniProt ID	Q8N3V7

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SDS-PAGE



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