

# Recombinant Synaptopodin (SYNPO) Instruction Manual

SIPC203Hu01

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Cytoplasm
<b>Predicted Molecular Mass</b>	51.8kDa
<b>Accurate Molecular Mass</b>	52kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Asn97~Met300 with N-terminal His and GST Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	7.7
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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PATVVPQSLP LSSIQQNSSE AQLPSNGTGP ASKPSTLCAD GQPQAPAEV
RCSTLLIDKV STPATTSTF SREATLIPSS RPPASDFMSS SLLIDIQNT
LVVSADQEMS GRAAATPTK VYSEVHFTLA KPPSVVNRTA RPFGIQAPGG
TSQMERSPML ERRHFGEKAP APQPPSLPDR SPRPQRHIMS RSPMVERRMM
NQNPN
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## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

