

PD0115\_UG\_EN\_V2301

# SYNP2 PDZ Domain, Homo sapiens

Catalogue numberPresentationPD011510.25 mgPD011523 x 0.25 mg

# Description

SYNP2 PDZ Domain from *Homo sapiens* is a recombinant protein purified from *Escherichia coli*. The protein is provided in 35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl<sub>2</sub> and 25% (v/v) glycerol, at a 0.5 mg/mL concentration. Bulk quantities of this product can be made available upon request. To place an order, simply visit our website. We offer fast and secure shipping worldwide.

# **Electrophoretic Purity**

SYNP2 PDZ Domain purity was evaluated using sodium dodecyl sulfate-polyacrylamide gel electrophoresis (SDS-PAGE), followed by BlueSafe staining (MB15201) (Figure 1).

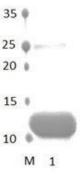


Figure 1. SDS-PAGE analysis of SYNP2 PDZ Domain was conducted in (Lane 1), employing a 14% polyacrylamide gel. The enzyme exhibits a band corresponding to a molecular weight of approximately 12.39 kDa. Lane M contains a Protein Marker for reference.

#### Storage temperature

The protein should be stored at -30°C to -15°C in a constant temperature freezer. The protein will remain stable till the expiry date if stored as specified.

# **Protein Sequence**

GTGDFICISMTGGAPWGFRLQGGKEQKQPLQVAKIRNQSKASGSGLCEGDEVVSINGNPCADLTYPEVIKLMESITDSLQMLIKRPSSG

# Number of PDZ in native protein

1

The protein exhibits optimal activity within a pH of 7 and at a temperature of 36.5 °C.
PDB code
Not available
Reference
Not available
Customer Support
Our dedicated customer support team is always ready to assist you with any questions or technical issues you may have. Reach us via email at info@nzytech.com.
Quality control assay
Protein purity is determined to be ≥90%, as assessed by SDS-PAGE and subsequent BlueSafe staining (MB15201).
For life science research only. Not for use in diagnostic procedures.
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Temperature and pH optima