

Recombinant human SYNJ2BP protein

Catalog Number: ATGP2570

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-117aa

UniProt No.

P57105

NCBI Accession No.

NP_060843

Alternative Names

Synaptojanin-2-binding protein, Synaptojanin 2 binding protein, ARIP2, OMP25

PRODUCT SPECIFICATION

Molecular Weight

15 kDa (140aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

SYNJ2BP contains 1 PDZ (DHR) domain. This protein binds (via the PDZ domain) to isoform 2A of SYNJ2 (via the unique motif in the C-terminus) and interacts with MAPK12. Recombinant human SYNJ2BP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGS MNGRVDY LVTEEEINLT RGP SGLGFNI VGGTDQQYVS NDSGIYVSRI KENGAAALDG RLQEGDKILS VNGQDLKNLL HQDAVDLFRN AGYAVSLRVQ HRLQVQNGPI GHRGEGDPSG

Recombinant human SYNJ2BP protein

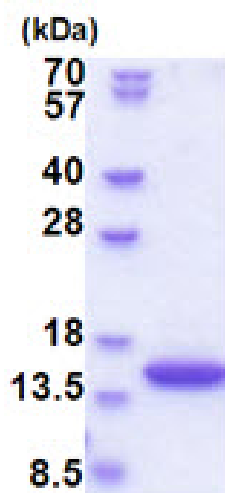
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General References

Matsuzaki T, Hanai S, et al. (2002) J Biol Chem 277 (21): 19008-18.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)