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
> 90% 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 SSGLVPRGSH MGS>MNGRVDY LVTEEEINLT RGPSGLGFNI VGGTDQQYVS NDSGIYVSRI KENGAAALDG RLQEGDKILS VNGQDLKNLL HQDAVDLFRN AGYAVSLRVQ HRLQVQNGPI GHRGEGDPSG

Recombinant human SYNJ2BP protein

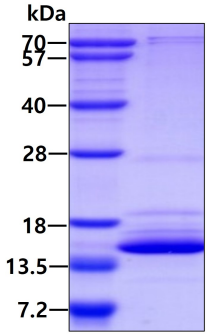
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General References

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.