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Recombinant human SPAG7 protein

Catalog Number: ATGP2267

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-227aa

UniProt No.
O75391

NCBI Accession No.
NP_004881.2

Alternative Names
Sperm-associated antigen 7, ACRP, FSA-1

PRODUCT SPECIFICATION

Molecular Weight
28 kDa (250aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol

Purity
> 85% 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
SPAG7 contains 1 R3H domain. This protein is detected in fetal brain and localized in the nucleus. Recombinant human SPAG7 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>MADLLGS ILSSMEKPPS LGDQETRRKA REQAARLKKL QEQEKQQKVE FRKRMEKEVS DFIQDSGQIK KKFQPMNKIE RSILHDVVEV AGLTSFSFGE DDDCRYVMIF KKEFAPSDEE LDSYRRGEEW

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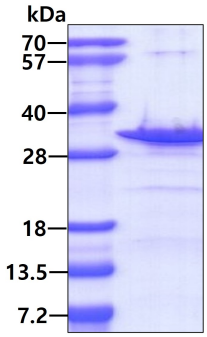
DPQKAEEKRK LKELAQRQEE EAAQQGPVVV SPASDYKDKY SHLIGKGAAK DAAHMLQANK TYGCVPVANK RDTRSIEEAM NEIRAKKRLR QSGEELPPTS

General References

Beaton S, Cleary A, et al. (1994). Reprod Fertil Dev. 6(6):761-70.

DATA

SDS-PAGE



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