

Recombinant human SPAG7 protein

Catalog Number: ATGP2267

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-227aa

UniProt No.

O75391

NCBI Accession No.

NP_004881

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. 20mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 30% glycerol, 1mM DTT

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 SGLVPRGSH MGS>MADLLGS ILSSMEKPPS LGDQETRRKA REQAARLKKL QEQEKQKVE
FRKRMEKEVS DFIQDSGQIK KKFQPMNKIE RSILHDVVEV AGLTSFSFGE DDDCRYVMIF KKEFAPSDEE LDSYRRGEEW

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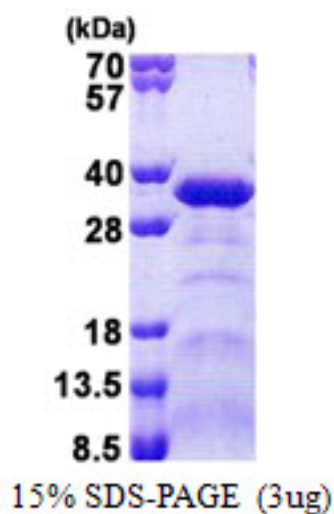
DPQKAEERK LKELARQEE EAAQQGPVVV SPASDYKDKY SHLIGKGAAK DAAHMLQANK TYGCVPVANK RDTRSIEEAM
NEIRAKKRLR QSGEELPPTS

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.