

GEMIN4 Antibody, FITC conjugated



PAC057778

Product Information

Size:

50ug

Protein Background:

The SMN complex plays a catalyst role in the assembly of small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRNPB, SNRNPD1, SNRNPD2, SNRNPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP.

In the cytosol, the Sm proteins SNRNPD1, SNRNPD2, SNRPE, SNRPF and SNRPG are trapped in an inactive 6S pICln-Sm complex by the chaperone CLNS1A that controls the assembly of the core snRNP. Dissociation by the SMN complex of CLNS1A from the trapped Sm proteins and their transfer to an SMN-Sm

complex triggers the assembly of core snRNPs and their transport to the nucleus.

Reactivity:

Human

Rabbit

Isotype:

IgG

Gene ID:

GEMIN4

Applications:

ELISA

Uniprot**Recommended dilutions:**

P57678

Synonyms:

Gem-associated protein 4 (Gemin-4) (Component of gems 4) (p97), GEMIN4

Immunogen:

Recombinant Human Gem-associated protein 4 protein (741-848AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images

N/A

N/A