

AR50828PU-N

Human Gemin-6 (1-167, His-tag) - Purified

Alternate names:

GEMIN6, Gem-associated protein 6, SIP2

Quantity:

0.25 mg

Concentration:

0.5mg/ml (determined by Bradford assay)

Background:

GEMIN6 is part of a large macromolecular complex, localized to both the cytoplasm and the nucleus, that plays a role in the cytoplasmic assembly of small nuclear ribonucleoproteins (snRNPs). Other members of this complex includes SMN, GEMIN2, GEMIN3, GEMIN4, and GEMIN5.

Uniprot ID:

[Q8WXD5](#)

NCBI:

[NP_079051](#)

GeneID:

[79833](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Description:

Recombinant human GEMIN6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMSEWMKK GPLEWQDYIY KEVRVTASEK NEYKGWLT
DPVSANIVLV NFLEDGSMV TGIMGHAVQT VETMNEGDHR VREKLMHLFT SGDCKAYSPE
DLEERKNLW KWLKNIHIPI TEQGDAPRTL CVAGVLTIDP PYGPENCSSS NEILSRVQD
LIEGHLTASQ

Molecular weight: 21.9 kDa (190aa) confirmed by MALDI-TOF

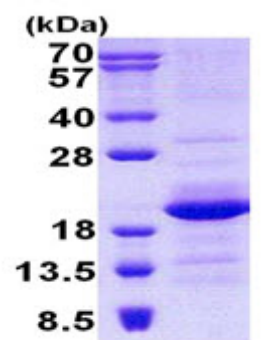
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Carissimi,C., et al. (2006) J. Biol. Chem. 281 (48), 37009-37016 Pellizzoni,L., et al. (2002) J. Biol. Chem. 277 (9), 7540-7545

Pictures:



15% SDS-PAGE (3ug)