

## GEMIN6 Human

**Description:**GEMIN6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 190 amino acids (1-167a.a) and having a molecular mass of 21.9kDa. GEMIN6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-1401

For research use only.

**Synonyms:**Gem-associated protein 6, Gemin-6, SIP2, GEMIN6.

**Source:**E.coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSMSEWMKK GPLEWQDYIY  
KEVRTASEK NEYKGWVLT DPVSANIVLV NFLEDGMSV TGIMGHAVQT VETMNEGDHR  
VREKLMHLFT SGDC KAYSPE DLEERKNSLK KWLEKNHIPI TEQGDAPRTL CVAGVLTIDP  
PYGPENCSSS NEILSRVQD LIEGHLTASQ.

**Purity:**Greater than 90% as determined by SDS-PAGE.

**Formulation:**

GEMIN6 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Gem-Associated Protein 6 (GEMIN6) is a member of a large macromolecular complex, localized to both the cytoplasm and the nucleus, which takes part in the cytoplasmic assembly of small nuclear ribonucleoproteins (snRNPs). SMN, GEMIN2, GEMIN3, GEMIN4, and GEMIN5 are additional members of this complex.

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