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## Product Data Sheet

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Product Name: GEMIN6 Human

Cat. No.: GP23544

Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Gem-associated protein 6; Gemin-6; SIP2; GEMIN6.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSEWMKK GPLEWQDYIY KEVRVTASEK NEYKGWVLT DPVSANIVLV NFLEDGSM SV TGIMGHAVQT VETMNEGDHR VREKLMHLFT SGDCKAYSPE DLEERKNSLK KWLEKNHIPI TEQGDAPRTL CVAGVLTIDP PYGPENCSSS NEILSRVQD LIEGHLTASQ.		
Formulation	GEMIN6 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.		

**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.

**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.

**Background**

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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