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## Product Data Sheet

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Product Name: SPIN1 Human

Cat. No.: GP24683

Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ovarian cancer-related protein; spindlin 1; SPIN; OCR.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMKTPFGK TPGQRSRADA GHAGVSANMM KKRTSHKKHR SSVGPSKPVS QPRRNIVGCR IQHGWKEGNG PVTQWKGTVL DQVPVNPSLY LIKYDGFDCV YGLELNKDER VSALEVL PDR VATSRISDAH LADTMIGKAV EHM FETEDGS KDEWRGMVLA RAPVMNTWFY ITYEKDPVLY MYQLLDYKE GDLRIMPDSN DSPPAEREPG EVVDSL VGKQ VEYAKEDGSK RTGMVIHQVE AKPSVYFIKF DDDFHIVVYD LVKTS		
Formulation	The SPIN1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl and 20% glycerol.		

**Introduction**

SPIN1 is a member of the SPIN/STSY family. SPIN1 is localized to nucleus, and expressed in several tissues and cells. SPIN1 takes part in cell-cycle regulation in the course of the transition from gamete to embryo.

**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**

SPIN1 Human Recombinant produced E. coli is a single polypeptide chain containing 285 amino acids (1-262) and having a molecular mass of 32.0kDa. SPIN1 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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