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**Product Data Sheet**


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Product Name: HNRNPK Human  
 Cat. No.: GP23667  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CSBP; HNRPK; TUNP; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; Transformation up-regulated nuclear protein; HNRNPK.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMETEQPE ETFPNTETNG EFGKRPAEDM EEEQAFKRSR NTDEMVELRI LLQSKNAGAV IGKGGKNIKA LRTDYNASVS VPDSSGPERI LSISADIETI GEILKKIPT LEEGLQLPSP TATSQPLES DAVECLNYQH YKGSDFDCEL RLLIHQSLAG GIIGVKGAKI KELRENTQTT IKLFQECCPH STDRVVLIGG KPDRVVECIK IILD LIESP IKGRAQPYDP NFYDETYDYG GFTMMFDDRR GRPVGFPMRG RGGFDRMPPG RGGRPMPPS.		
Formulation	The HNRNPK solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

**Introduction**

Heterogeneous Nuclear Ribonucleoprotein K, also known as HNRNPK, is a part of the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). HNRNPK takes part in p53/TP53 reaction to DNA damage, acting at the level of both transcription activation and repression. HNRNPK is located in the nucleoplasm and has 3 repeats of KH domains which bind to RNAs.

**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**

HNRNPK Human Recombinant produced in E. coli is a single polypeptide chain containing 299 amino acids (1-276) and having a molecular mass of 33kDa. HNRNPK is fused to a

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

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23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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