
Product Data Sheet

Product Name: RANBP3 Human
 Cat. No.: GP24331
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RAN binding protein 3; RanBP3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSISSSLEN STNSADASSN KVFVGQNMSE RVLSPPKLNE VSSDANRENA AAESGSESSS QEATPEKESL AESAAAYTKA TARKCLLEKV EVITGEEAES NVLQMQCKLF VFDKTSQSWV ERGRGLLRN DMASTDDGTL QSRLVMRTQG SLRLILNTKL WAQMIDKAS EKSIRITAMD TEDQGVKVFL ISASSKDTGQ LYAALHHRIL ALRS.		
Formulation	RANBP3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.		

Introduction

RAN Binding Protein 3, also known as RANBP3, is found in the nucleus and cytoplasm. RANBP3 which owns RanBD1 domain participates in nuclear export as part of a heteromeric complex. RANBP3 is also negatively regulates TGF-beta signaling by interacting with the R-SMAD proteins, SMAD2 and SMAD3.

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

RANBP3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 234 amino acids (235-445 a.a) and having a molecular mass of 25.5kDa. RANBP3 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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