Recombinant Human RANBP3, His-tagged

Cat. No. RANBP3-221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RANBP3, 235-445aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	235-445aa
Description	RANBP3 is a protein with a RanBD1 domain that is found in both the nucleus and cytoplasm. This protein plays a role in nuclear export as part of a heteromeric complex. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Recombinant human RANBP3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol
Molecular Mass	25.5 kDa (234aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSISSSLEN STNSADASSN KFVFGQNMSE RVLSPPKLNE VSSDANRENA AAESGSESSS QEATPEKESL AESAAAYTKA TARKCLLEKV EVITGEEAES NVLQMQCKLF VFDKTSQSWV ERGRGLLRLN DMASTDDGTL QSRLVMRTQG SLRLILNTKL WAQMQIDKAS EKSIRITAMD TEDQGVKVFL ISASSKDTGQ LYAALHHRIL ALRS

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Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	RANBP3 RAN binding protein 3 [Homo sapiens]
Official Symbol	RANBP3
Synonyms	RANBP3; RAN binding protein 3; ran-binding protein 3; RAN-binding protein-3; DKFZp586I1520;
Gene ID	8498
mRNA Refseq	NM_003624
Protein Refseq	NP_003615
MIM	603327
UniProt ID	Q9H6Z4
Chromosome Location	19p13.3
Pathway	Canonical Wnt signaling pathway, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;

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Function	R-SMAD binding; Ran GTPase binding; protein binding;

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