

E3 SUMO-protein ligase RanBP2 (RANBP2), partial Recombinant Protein | RANBP2 recombinant protein

Recombinant Human E3 SUMO-protein ligase RanBP2 (RANBP2), partial

CATALOG # AAA113302	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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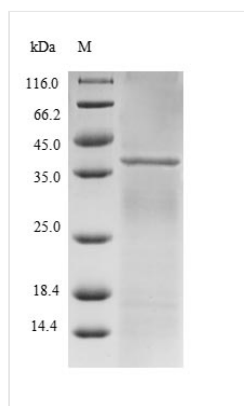
PRODUCT SYNONYMS

E3 SUMO-protein ligase RanBP2 (RANBP2); partial; Recombinant Human E3 SUMO-protein ligase RanBP2 (RANBP2); E3 SUMO-protein ligase RanBP2; EC=6.3.2.-; 358 kDa nucleoporin; Nuclear pore complex protein Nup358; Nucleoporin Nup358; Ran-binding protein 2; RanBP2; p270; Including the following 1 domains;; Putative peptidyl-prolyl cis-trans isomerase; PPIase; EC=5.2.; RANBP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2601-2802aa; Partial
Sequence	PTEESSINYT FKTPEKAKEK KKPEDSPSDD DVLIVYELTP TAEQKALATK LKLPPTFFCY KNRPDYVSEE EEDDED FETA VKKLNGKLYL DGSEKCRPLE ENTADNEKEC IIVWEKKPTV EEKAKADTLK LPPTFFCGVC SDTDEDNGNG EDFQSELQKV QEAQKSQTEE ITSTTDSVYT GGTEVMVPSF CKSEEPSIT KS
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RANBP2 recombinant protein	E3 SUMO-protein ligase which facilitates SUMO1 and SUMO2 conjugation by UBE2I. Involved in transport factor (Ran-GTP, karyopherin)-mediated protein import via the F-G repeat-containing domain which acts as a docking site for substrates. Binds single-stranded RNA (in vitro). May bind DNA. Component of the nuclear export pathway. Specific docking site for the nuclear export factor exportin-1. Sumoylates PML at 'Lys-490' which is essential for the proper assembly of PML-NB.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	150418007
NCBI GeneID	5903
NCBI Accession #	NP_006258.3
NCBI GenBank Nucleotide #	NM_006267.4
UniProt Accession #	P49792; Q13074; Q15280; Q53TE2; Q59FH7
Molecular Weight	24.8 kDa
NCBI Official Full Name	E3 SUMO-protein ligase RanBP2
NCBI Official Synonym Full Names	RAN binding protein 2
NCBI Official Symbol	RANBP2
NCBI Official Synonym Symbols	ANE1; TRP1; TRP2; ADANE; IIAE3; NUP358
NCBI Protein Information	E3 SUMO-protein ligase RanBP2; P270; nucleoporin 358; nucleoporin Nup358; 358 kDa nucleoporin; ran-binding protein 2; transformation-related protein 2; nuclear pore complex protein Nup358; acute necrotizing encephalopathy 1 (autosomal dominant)
UniProt Protein Name	E3 SUMO-protein ligase RanBP2
UniProt Gene Name	RANBP2
UniProt Synonym Gene Names	NUP358; RanBP2
UniProt Entry Name	RBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ranbp2-recombinant-protein-e-coli/113302>