

Recombinant Full Length Human RANGAP1 Protein, GST-tagged

Cat. No. RANGAP1-706HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RANGAP1(1 a.a. - 587 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	587 amino acids
Description	This gene encodes a protein that associates with the nuclear pore complex and participates in the regulation of nuclear transport. The encoded protein interacts with Ras-related nuclear protein 1 (RAN) and regulates guanosine triphosphate (GTP)-binding and exchange. Alternative splicing results in multiple transcript variants.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	90.31 kDa
AA Sequence	MASEDIAKLA ETLAKTQVAG GQLSFKGKSL KLNTAEDAKD VIKEIEDFDS LEALRLEGNT VGVEAARVIA KALEKKSELK RCHWSDMFTG RLRTEIPPAL ISLGEGLITA GAQLVELDLS DNAFGPDGVQ GFEALLKSSA CFTLQELKLN NCGMGIGGGK ILAAALTECH RKSSAQGKPL ALKV FVAGRN RLENDGATAL AEAFRVIGTL EEVHMPQNGI NHPGITALAQ AFAVNPLLRV INLNDNTFTE KGAVAMAETL KTLRQVEVIN FGDCLVRSGK AVAIADAIRG GLPKLKELNL

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SFCEIKRDAA LAVAEAMADK AELEKLDLNG NTLGEEGCEQ LQEVLEGFNM
 AKVLASLSDD EEEEEEEEGE EEEEEAEEMEE EEEEEEEEEEE EEEEEEEEPQQ
 RGQGEKSATP SRKILDPNTG EPAPVLSSPP PADVSTFLAF PSPEKLLRLG
 PKSSVLIAQQ TDTSDPEKVV SAFLKVSSVF KDEATVRMAV QDAVDALMQK
 AFNSSSFNSN TFLTRLLVHM GLLKSEDKVK AIANLYGPLM ALNHMVQQDY
 FPKALAPLLL AFVTKPNSAL ESCSFARHSL LQTLYKV

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

RANGAP1 Ran GTPase activating protein 1 [Homo sapiens]

Official Symbol

RANGAP1

Synonyms

RANGAP1; Ran GTPase activating protein 1; SD, segregation distorter homolog (Drosophila); ran GTPase-activating protein 1; Fug1; KIAA1835; segregation distortion; segregation distorter homolog; SD; MGC20266

Gene ID

5905

mRNA Refseq

NM_002883

Protein Refseq

NP_002874

MIM

602362

UniProt ID

P46060

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