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 ALKVFVAGRN RLENDGATAL AEAFRVIGTL EEVHMPQNGI NHPGITALAQ AFAVNPLLRV INLNDNTFTE KGAVAMAETL KTLRQVEVIN FGDCLVRSKG AVAIADAIRG GLPKLKELNL

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SFCEIKRDAA LAVAEAMADK AELEKLDLNG NTLGEEGCEQ LQEVLEGFNM AKVLASLSDD EDEEEEEEGE EEEEEAEEEE EEDEEEEEEE EEEEEEEPQQ 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA