Recombinant Human RANGAP1 Protein, His-tagged

Cat. No. RANGAP1-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RANGAP1(418-end) Protein was expressed in E.coli cells using an N-terminal His tag.
Species	Human
Source	E.coli
ProteinLength	418-end a.a.
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.
Molecular Mass	~20 kDa
Purity	The purity of RanGAP1 protein was determined to be ~90% by densitometry.
Stability	One at -70 centigrade from date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.5 μg/μL

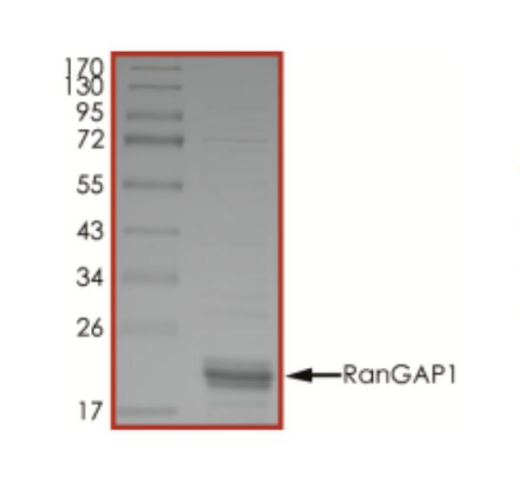
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Recominant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0,1mM PMSF, 2mM DTT, and 25% glycerol.

GENE INFORMATION

Gene Name	RANGAP1 Ran GTPase activating protein 1 [Homo sapiens (human)]
Official Symbol	RANGAP1
Synonyms	RANGAP1; Ran GTPase activating protein 1; SD; Fug1; RANGAP; ran GTPase-activating protein 1; segregation distorter homolog; segregation distortion
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

Purity	 The purity of RanGAP1 protein was determined to be ~90% by densitometry.

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