

## Recombinant Human RANGAP1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RANGAP1(418-end) Protein was expressed in E.coli cells using an N-terminal His tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	418-end a.a.
<b>Description</b>	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.
<b>Molecular Mass</b>	~20 kDa
<b>Purity</b>	The purity of RanGAP1 protein was determined to be ~90% by densitometry.
<b>Stability</b>	One at -70 centigrade from date of shipment.
<b>Storage</b>	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.
<b>Concentration</b>	0.5 µg/µL

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**Storage Buffer** Recombinant 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

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