

## Recombinant Human RANGAP1 protein, MYC/DDK-tagged

Cat. No. RANGAP1-42H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RANGAP1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<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>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	63.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	RANGAP1 Ran GTPase activating protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	RANGAP1

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<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">5905</a>
<b>mRNA Refseq</b>	<a href="#">NM_002883</a>
<b>Protein Refseq</b>	<a href="#">NP_002874</a>
<b>MIM</b>	<a href="#">602362</a>
<b>UniProt ID</b>	<a href="#">P46060</a>
<b>Chromosome Location</b>	22q13
<b>Pathway</b>	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Disease, organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle, organism-specific biosystem; Host Interactions of HIV factors, organism-specific biosystem;
<b>Function</b>	GTPase activator activity; Ran GTPase activator activity; protein binding;

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