

## Recombinant Human RAN (T24N) Protein

**Cat. No.** RAN-716H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RAN protein (NM_006325, T24N) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	216 amino acids
<b>Description</b>	Ran (Ras-related nuclear protein, TC4) belongs to the superfamily of GTP binding proteins. It acts in cellular processes such as nuclear transport, mitotic spindle assembly, and post-mitotic nuclear assembly. The mutation T24N results in no or little binding to GTP and is known to act as a negative inhibitor of nuclear import. Protein preparation is 18% GDP-loaded, measured by HPLC.
<b>Form</b>	20 mM KH <sub>2</sub> PO <sub>4</sub> /K <sub>2</sub> HPO <sub>4</sub> pH 7.0, 6.5 mM DTE, 150 mM KCl, 5 mM MgCl <sub>2</sub> and 10% glycerol
<b>Molecular Mass</b>	24.0 kDa
<b>Purity</b>	> 95 % (SDS-PAGE)
<b>Storage</b>	Store at -80 centigrade, avoid freeze/thaw cycles.

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Gene Name</b>	RAN RAN, member RAS oncogene family [ Homo sapiens ]
<b>Official Symbol</b>	RAN
<b>Synonyms</b>	TC4; Gsp1; ARA24
<b>Gene ID</b>	5901
<b>mRNA Refseq</b>	NM_006325.3
<b>Protein Refseq</b>	NP_006316.1
<b>MIM</b>	601179
<b>UniProt ID</b>	P62826

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