

Recombinant Human RAN (T24N) Protein

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

SPECIFICATION

Product Overview	Recombinant Human RAN protein (NM_006325, T24N) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	216 amino acids
Description	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.
Form	20 mM KH ₂ PO ₄ /K ₂ HPO ₄ pH 7.0, 6.5 mM DTE, 150 mM KCl, 5 mM MgCl ₂ and 10% glycerol
Molecular Mass	24.0 kDa
Purity	> 95 % (SDS-PAGE)
Storage	Store at -80 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

 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

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

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