

Recombinant Human RAN (Q69L) Protein

Cat. No. RAN-717H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human RAN protein (NM_006325, Q69L) 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 diverse cellular processes such as nuclear transport, mitotic spindle assembly, and post-mitotic nuclear assembly. Ran Q69L is defective in GTP hydrolysis. Useful as a negative control for Ran binding and import studies. Protein preparation is 34% GDP- and 17% GTPloaded, measured by HPLC. |
| Form | 50 mM KH ₂ PO ₄ /K ₂ HPO ₄ , 5 mM DTE and 5 mM MgCl ₂ , pH 7.5 |
| Molecular Mass | 24.0 kDa |
| Purity | > 95 % (SDS-PAGE) |
| Storage | Store at -80 centigrade, avoid freeze/thaw cycles. |

GENE INFORMATION

Gene Name [RAN RAN, member RAS oncogene family \[Homo sapiens \]](#)

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|------------------------|------------------|
| 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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