Recombinant Human RAN (Q69L) Protein

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

SPECIFICATION

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 KH2PO4/K2HPO4, 5 mM DTE and 5 mM MgCl2, 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]

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

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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