

## RAN

### Recombinant Human GTP-binding Nuclear Protein Ran, T24N mutation

<b>Catalog No.</b>	CSI11797	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	Ras-related nuclear protein TC4, Androgen receptor-associated protein 24, GTPase Ran, Ras-like protein TC4		
<b>Description:</b>	<p>Ran (Ras-related nuclear protein, TC4) belongs to the super-family of GTP binding proteins. It acts in cellular processes such as nuclear transport, mitotic spindle assembly, and post-mitotic nuclear assembly.</p> <p>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.</p>		
<b>UniProt ID:</b>	P62826		
<b>Gene ID:</b>	5901		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	24.0 kDa (216 amino acids)		
<b>Formulation:</b>	20 mM KH <sub>2</sub> PO <sub>4</sub> /K <sub>2</sub> HPO <sub>4</sub> , 6.5 mM DTE, 150 mM KCl, 5 mM MgCl <sub>2</sub> , pH 7.0 and 10% glycerol		
<b>Purity:</b>	> 95% by SDS-PAGE		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. <b>Avoid freeze / thaw cycles.</b>		

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