

## Ras-Related C3 Botulinum Toxin substrate 1 Human Recombinant

<b>Item Number</b>	rAP-4624
<b>Synonyms</b>	P21-RAC1, RAC-1, RAC1, RAS-like protein TC25, MIG5, Cell-migration-inducing gene 5 protein, Ras-related C3 botulinum toxin substrate 1, rho family small GTP binding protein Rac1, TC-25, MGC111543.
<b>Description</b>	Ras-Related C3 Botulinum Toxin substrate 1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids and having a molecular mass of 21.4 kDa.
<b>Uniprot Accesion Number</b>	P63000
<b>Amino Acid Sequence</b>	<pre>MQAIKCVVVGDGAVGKTCLLISYTTNAFPGEYIPTVFDNY- SANVMVDGKPVNGLWDTAQEDYDRLRPLSYPQTDVFLICFSLVSPASFENVRRAKWYPEVRHHCNPNTPIIL VGTKLDLRDDKDTIEKLKEKLLTPITYPQGLAMAKEIGAVKYLECSALTQRGLKTVFDEAIRAVLCP PPVKRRKRKCLLL.</pre>
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The protein solution contains 20mM Tris-HCl pH7.5, 2mM EDTA and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**