

## 32-4581: Recombinant Human Ras-Related C3 Botulinum Toxin substrate 1

**Alternative Name** P21-RAC1,RAC-1,RAC1,RAS-like protein TC25,MIG5,Cell-migration-inducing gene 5 protein,Ras-related  
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C3 botulinum toxin substrate 1,rho family small GTP binding protein Rac1,TC-25,MGC111543.

### Description

Source : Escherichia Coli. 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. RAC1 is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. RAC-1 regulates the actin cytoskeleton but also other cellular processes. RAC1 have been shown to be involved in the regulation of cell-cell adhesion.

### Product Info

**Amount :** 50 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** The protein solution contains 20mM Tris-HCl pH7.5, 2mM EDTA and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MQAIKCVVVGDGAVGKTCLLISYTTNAFPGEYIPTVFDNYSANVMVDGKPVNLGLWDTAQEDYDRL  
RPLSYPQTDVFLICFSLVSPASFENVRAKWYPEVRHHCNPNTPIILVGTGLDLRDDKDTIEKLKEKKLT  
PITYPQGLAMAKEIGAVKYLECSALTQRGLKTVFDEAIRAVLCP PPVKKRKRKCLLL.

