

## Ras-Related C3 Botulinum Toxin Substrate 3 Human Recombinant

<b>Item Number</b>	rAP-4623
<b>Synonyms</b>	Ras-related C3 botulinum toxin substrate 3, p21-Rac3, RAC3.
<b>Description</b>	RAC3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 189 amino acids (1-189 a.a.) and having a total molecular mass of 21kDa. RAC3 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P60763
<b>Amino Acid Sequence</b>	MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASF ENVRAKWYPE VRHHCPTPI LLVGTKLCLR DDKDTIERLR DKKLAPITYP QGLAMAREIG SVKYLECSAL TQRGLKTVFD EAIRAVLCPP PVKKPGKKC.
<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 RAC3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT, 200mM NaCl, 0.1mM PMSF and 1mM EDTA. 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**