

### 32-4585: Recombinant Human Ras-Related C3 Botulinum Toxin Substrate 3

**Alternative Name :** Ras-related C3 botulinum toxin substrate 3,p21-Rac3,RAC3.

#### Description

Source : Escherichia Coli. 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. RAC3 belongs to the Rac subfamily of the Rho small G proteins. RAC3 is a small (approximately 21kDa) monomeric GTP-binding protein, which is an important component of intracellular signaling pathway, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</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.
<b>Storage condition :</b>	RAC3 although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASF ENVRAKWYPE VRHHCPTPI LLVGTKLCLR DDKDTIERLR DKKLAPITYP QGLAMAREIG SVKYLECSAL TQRGLKTVFD EAIRAVLCPP PVKKPGKKC.

