

Ras-Related C3 Botulinum Toxin Substrate 2 (1-189) Human Recombi-

Item Number	rAP-4626
Synonyms	Ras-related C3 botulinum toxin substrate 2, p21-Rac2, Small G protein, GX, RAC2, HSPC022, EN-7.
Description	RAC2 Human Recombinant fused with 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 209 amino acids (1- 189 a.a.) and having a molecular mass of 23.3kDa.The RAC2 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P15153
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQAIKCVVVG DGAVGKTCLL ISYTTNAFFG EYIPTVFDNY SANVMVDSKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASY ENVRAKWFP VRHHCPTPI ILVGTKLDR DDKDTIEKLEK EKKLAPITYP QGLALAKEID SVKYLECSAL TQRGLKTVFD EAIRAVLCPQ PTRQQKRAC.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The RAC2 solution contains 20mM Tris-HCl buffer (pH 8.0), 20% Glycerol, 2mM EDTA, 2mM DTT and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**