

Ras-Related C3 Botulinum Toxin Substrate 2 Human Recombinant

Item Number	rAP-4625
Synonyms	Ras-related C3 botulinum toxin substrate 2, p21-Rac2, Small G protein, GX, RAC2, HSPC022, EN-7.
Description	Recombinant RAC2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 419 amino acids and having a molecular mass of 47 kDa. RAC2 is fused to GST and purified by conventional chromatography techniques.
Uniprot Accession Number	P15153
Amino Acid Sequence	MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQS- MA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAI PQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSHMQA IKCVVVG DGA VGKTCLLISY TTNAFPGEYI PTVFDNY- SAN VMVDSKPVNL GLWDTAGQED YDRLRPLSYP QTDVFLICFS LVSPASYENV RAKWFEVRH HCPSTPIILV GTKLDLRDDK DTIEKLKEKK LAPITYPQGL ALAKEIDSVK YLECSALTQR GLKTVFDEAI
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 protein solution (1mg/ml) contains 1x PBS pH-7.4. Greater than 90.0% 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**