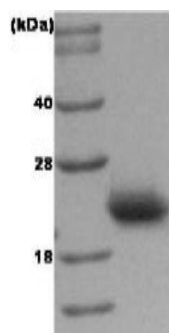


C3

Recombinant Human Ras-related C3 botulinum toxin substrate 1

Catalog No.	CSI15626A CSI15626B	Quantity:	100 µg 500 µg
Alternate Names:	ASP, AHUS5, ARMD9, CPAMD1		
Description:	Rac1, belonging to the Rho small GTPase family, regulates the actin cytoskeleton but also other cellular processes. RAC1 have been shown to be involved in the regulation of cell-cell adhesion. Recombinant RAC1 was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques.		
Concentration:	1 mg/ml (determined by Bradford assay)		
GeneID:	718		
Protein Accession No:	NP_008839		
Source:	<i>E. coli</i>		
Molecular Weight:	21.4 kDa (192 aa), confirmed by MALDI-TOF.		
Formulation:	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT 2 mM EDTA		
Purity:	> 95% by SDS - PAGE		
Amino Acid Sequence:	MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASF ENVRAKWYPE VRHHCPNTPI ILVGTKLDLR DDKDTIEKLL EKKLTPITYP QGLAMAKEIG AVKYLECSAL TQRGLKTVFD EAIRAVLCPP PVKKRKRKCL LL		
Storage & Stability:	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.		



15% SDS-PAGE (3µg)

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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