



Recombinant Guinea pig Ras-related C3 botulinum toxin substrate 2 (RAC2)

Product Code	CSB-EP019248GU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O88931
Product Type	Recombinant Protein
Immunogen Species	Cavia porcellus (Guinea pig)
Purity	>85% (SDS-PAGE)
Sequence	<pre>MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDSKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASY ENVHANWYPK VRHHCPTPI ILLGTKLCLR DDKETIEKLE EKKLAPITYP QGLALAKEID SVKYLECSAL TQRGLKTVFD EAIRAVLCPQ PTRPQKRAC</pre>
Source	E.coli
Target Names	RAC2
Protein Names	Recommended name: Ras-related C3 botulinum toxin substrate 2 Alternative name(s): p21-Rac2
Expression Region	1-189
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.