

Product information



RAC1, 1- 192 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0403

Full name: Ras-related C3 botulinum toxin substrate 1 isoform

NCBI Accession No.: NP_008839

Synonyms: MIG5, p21-Rac1, TC-25

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 human RAC1, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

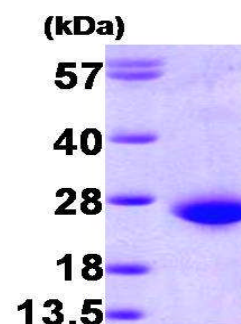
Form: Liquid. In 20mM Tris-HCl buffer (pH7.5) containing 1 mM DTT,
1 mM EDTA, 10% glycerol

Molecular Weight: 23.6 kDa (212aa)

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)



15% SDS-PAGE (3µg)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDGKP VNLGLWDTAG QEDYDRLRPL
SYPQTDVFLI CFSLVSPASF ENVRAKWYPE VRHHCNTP1 ILVGTKLDLR DDKDTIEKLEK EKKLTPITYP QGLAMAKEIG AVKYLECSAL
TQRGLKTVFD EAIRAVLCPP PVKKRKRKCL LL

General references:

Chrostek A., *et al.* (2006) *Mol Cell Biol.* 26: 6957-70.

Sun CX., *et al.* (2004) *Blood.* 104(12):3758-65.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.