

RAC2, 1-189 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP03655

3th Edition

Synonyms:Ras-related C3 botulinum toxin substrate 2, EN-7, Gx, HSPC022. .

Description:Rac2 is a small signaling G protein (more specifically a GTPase), and is a member of the Rac subfamily of the family Rho family of GTPases. Rac proteins play important roles in multiple cellular events, including actin cytoskeletal organization, cell proliferation and survival, cell cycle progression, and gene transcription regulation.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% Glycerol, 2mM EDTA, 2mM DTT, 0.1 M NaCl.

Molecular Weight:23.3 kDa (209aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMQAIKCVVVG DGAVGKTCLLISYTTNAFPGEYIPTVFDNYSANVMVDSKPVNLGL
WDTAGQEDYDRLRPLSYPQTDVFLICFSLVSPASYENVRKWFPEVRHHCPSTPIILVGTKLDDLRRDDKDTIEKLKEK
KLAPITYPQGLALAKEIDSVKYLECSALTQRGLKTVFDEAIRAVLCPQPTRQQKRAC

Purity:> 95% by HPLC

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

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

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.