

RheB, 1-181aa, Human,T7-tagged, Recombinant, E.coli

Cat.NO.: TP03732

3th Edition

Synonyms:Ras homolog enriched in brain, RHEB2

Description:Ras homolog enriched in brain (RheB) is a member of the Ras superfamily that was originally identified as an immediate-early gene in brain but is also widely expressed in other tissues. RheB encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. RheB is vital in regulation of growth and cell cycle progression due to its role in the insulin/TOR/S6K signaling pathway.

Form:Liquid in 20mM Tris pH 8.0, 1mM DTT, 10% glycerol

Molecular Weight:21.7 kDa (197 aa)

Sequences:

Purity:> 95% by HPLC

Concentration:1 mg/ml

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.