

RASD2, 1-266aa, Human, His tag, E.coli

Cat.NO.: TP03683

3th Edition

Synonyms:GTP-binding protein Rhes, Rhes, TEM2

Description:RASD2 also known as GTP-binding protein Rhes This Protein binds to GTP and possesses intrinsic GTPase activity. The RASD2 belongs to the Ras super family of small GTPases. The exact function of this gene is unknown, but most striatum-specific mRNAs characterized to date encode components of signal transduction cascades. Recombinant human RASD2, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

Molecular Weight:32.8kDa (289aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMKTLSSGNCTLSVPAKNSYRMVVLGASRVGKSSIVSRFLNGRFEDQYTPT
IEDFHRKVYNIRGDMYQLDILDTSGNHPPFAMRRLSILTGDFILVFLDNRESFDEVKRLQKQILEVKSLKNKTKEA
AELPMVICGNKNDHGELCRQVPTTEAELLVSGDENCAIFYEVSAAKNTNVDEMIFYVLFMAKLPHEMSPALHRKISV
QYGDAFHPRPFMRRVKEMDAYGMVSPFARRPSVNSDLKYIKAKVLREGQARERDKCTIQ

Purity:> 95% by HPLC

Concentration:0.5mg/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.