

Recombinant human RASD2 protein

Catalog Number: ATGP2974

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-266aa

UniProt No.

Q96D21

NCBI Accession No.

NP_055125

Alternative Names

GTP-binding protein Rhes, Rhes, TEM2

PRODUCT SPECIFICATION

Molecular Weight

32.8 kDa (289aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MMKTLSS GNCTLSVPAK NSYRMVVLGA SRVGKSSIVS RFLNGRFEDQ

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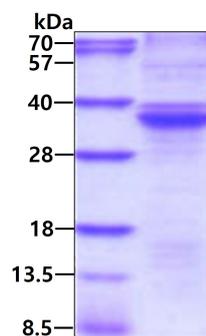
YTPTIEDFHR KVYNIRGDMY QLDILDTSGN HPFPAMRRLS ILTGDVFILV FSLDNRESFD EVKRLQKQIL EVKSCLKNKT
KEAAELPMVI CGNKNDHGEL CRQVPTTEAE LLVSGDENCA YFEVSAKKNT NVDEM FYVLF SMAKLPHEMS PALHRKISVQ
YGDAFHPRPF CMRRVKEMDA YGMVSPFARR PSVNSDLKYI KAKVLREGQA RERDKCTIQ

General References

St Croix B., et al. (2000) Science, 289 (5482): 1197-202.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.