

Datasheet for ABIN666866
RHEB Protein (AA 1-181) (T7 tag)[Go to Product page](#)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | RHEB |
| Protein Characteristics: | AA 1-181 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RHEB protein is labelled with T7 tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|---|
| Characteristics: | RheB, 1-181aa, Human,T7-tagged, Recombinant, E.coli |
| Purity: | > 95 % by SDS - PAGE |

Target Details

| | |
|-------------------|---|
| Target: | RHEB |
| Alternative Name: | RheB (RHEB Products) |
| Background: | <p>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.</p> <p>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. Recombinant human RheB protein, fused to T7-</p> |

Target Details

| | |
|-------------------|---|
| | tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: RHEB2, Ras homolog enriched in brain, GTP-binding protein Rheb, RheB , Ras homolog enriched in brain GTP binding protein Rheb, MGC111559, Ras homolog enriched in brain 2, RHEB 2. NCBI no.: NP_005605 |
| Molecular Weight: | 21.7 kDa (197 aa), confirmed by MALDI-TOF. |
| Pathways: | RTK Signaling |

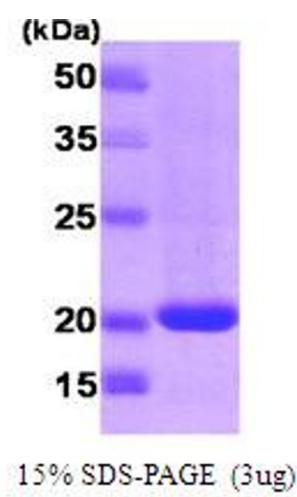
Application Details

| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

| | |
|----------------|---|
| Format: | Liquid |
| Concentration: | 1 mg/ml (determined by Bradford assay) |
| Buffer: | Liquid in 20mM Tris pH 8.0, 1mM DTT, 10% glycerol |
| Storage: | 4 °C |

Images



SDS-PAGE

Image 1.