

Recombinant Human RHOB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RHOB-4495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RHOB MS Standard C13 and N15-labeled recombinant protein (NP_004031) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RHOB (Ras Homolog Family Member B) is a Protein Coding gene. Diseases associated with RHOB include Pancreatic Adenocarcinoma and Cardiomyopathy, Familial Hypertrophic, 1. Among its related pathways are Guidance Cues and Growth Cone Motility and Signaling by GPCR. Gene Ontology (GO) annotations related to this gene include GTP binding and GDP binding. An important paralog of this gene is RHOA.
Molecular Mass	22.1 kDa
AA Sequence	MAAIRKKLVVVG DGACGKTC LLIVFSKDEFPEVYVPTVFENYVADIEVDGKQVELAL WDTAGQEDYDRLRPLSYPTD VILMCFVSVDSPDSLENIPEKWVPEVKHFPCNPVPIIL VANKKDLRSDEHVRTELARMKQEPVRTDDGRAMAVRIQAYDYLECSAKTKEGVRE VFETATRAALQKRYGSQNGCINCKVLTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	RHOB ras homolog family member B [Homo sapiens (human)]
Official Symbol	RHOB
Synonyms	RHOB; ras homolog family member B; ARH6, ARHB, ras homolog gene family, member B; rho-related GTP-binding protein RhoB; MST081; oncogene RHO H6; RhoB; RHOH6; h6; rho cDNA clone 6; Aplysia RAS-related homolog 6; ras homolog gene family, member B; ARH6; ARHB; MSTP081;
Gene ID	388
mRNA Refseq	NM_004040
Protein Refseq	NP_004031
MIM	165370
UniProt ID	P62745

SDS-PAGE

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