Recombinant Full Length Human RHOB Protein

Cat. No. RHOB-30284TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RHOB protein; amino acids 1-196, Predicted MWt 22kDa.
Species	Human
Source	E.coli
ProteinLength	1-196 a.a.
Description	Mediates apoptosis in neoplastically transformed cells after DNA damage. Not essential for development but affects cell adhesion and growth factor signaling in transformed cells. Plays a negative role in tumorigenesis as deletion causes tumor formation.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 40mM Sodium chloride, 25mM HEPES, 2mM DTT, 2mM Magnesium chloride, 0.01mM GDP, pH 7.2
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence	Belongs to the small GTPase superfamily. Rho family.

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Similarities	
Full Length	Full L.

GENE INFORMATION

Gene Name	RHOB ras homolog gene family, member B [Homo sapiens]
Official Symbol	RHOB
Synonyms	RHOB; ras homolog gene family, member B; ARH6, ARHB; rho-related GTP-binding protein RhoB; MST081; oncogene RHO H6; RhoB; RHOH6;
Gene ID	388
mRNA Refseq	NM_004040
Protein Refseq	NP_004031
MIM	165370
Uniprot ID	P62745
Chromosome Location	2p24
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Focal Adhesion, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem;
Function	GDP binding; GTP binding; GTPase activity; nucleotide binding; protein binding;

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