

Recombinant Human Rhotekin, GST-tagged

Cat. No. RTKN-1147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Rhotekin (from the Japanese "teki", meaning target) is an effector of the Rho-GTPases that was previously identified in mice. GST-RhotekinRBD is a glutathione S-transferase (GST)-fusion protein of the Rho-binding domain (RBD) of Rhotekin. The N-terminal peptide of Rhotekin contains the amino acids 1-89 comprising the Rho-binding domain between amino acids 7 and 89. The GST-Tag facilitates the protein's application in typical GST pull down assays.
Usage	For in vitro use only.
Form	Liquid. Supplied in 50 mM Tris-HCl pH 7.5, 100 mM NaCl and 2 mM DTE.
Purity	> 95% by SDS-PAGE.
Storage	Quality guaranteed for 12 months, Store at -80°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	RTKN rhotekin [Homo sapiens]
Synonyms	RTKN; rhotekin; B5

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Gene ID	6242
mRNA Refseq	NM_001015055
Protein Refseq	NP_001015055
MIM	602288
UniProt ID	Q9BST9
Chromosome Location	2p13.1
Function	GTP binding; GTP-Rho binding; GTPase inhibitor activity; nucleotide binding; protein binding

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