

Recombinant Full Length Human RACK1 Protein, C-Flag-tagged

Cat. No. RACK1-640HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RACK1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables several functions, including cyclin binding activity; enzyme binding activity; and protein domain specific binding activity. Involved in several processes, including positive regulation of hydrolase activity; regulation of cellular protein metabolic process; and regulation of signal transduction. Located in several cellular components, including midbody; perinuclear region of cytoplasm; and phagocytic cup. Part of IRE1-RACK1-PP2A complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.9 kDa
AA Sequence	MTEQMTLRGTLKGHNGWVTQIATTPQFPDMILSASRDKTIIIMWKLTRDETNYGIPQR ALRGHSHFVSDVV ISSDGQFALSGSWDGTLRRLWDLTTGTTTTRRFVGH TKDVL SVA SSDNRQIVSGSRDKTIKLWNTLGVCKY TVQDESHSEWVSCVRFSPNSSNPIIVSCG WDKLVKVVWNLNCKLKTNHIGHTGYLNTVTVSPDGS LCASG GKDGQAMLWDLNE GKHLTYLDGGDIINALCFSPNRYWLCAATGPSIKIWDLEGKIIVDELKQEVISTSSK AEPPQCTSLAWSADGQTLFAGYTDNLVRVWQVTIGTRTRTRPLEQKLISEEDLAAN

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	DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	RACK1 receptor for activated C kinase 1 [Homo sapiens (human)]
Official Symbol	RACK1
Synonyms	H12.3; HLC-7; PIG21; GNB2L1; Gnb2-rs1
Gene ID	10399
mRNA Refseq	NM_006098.5
Protein Refseq	NP_006089.1

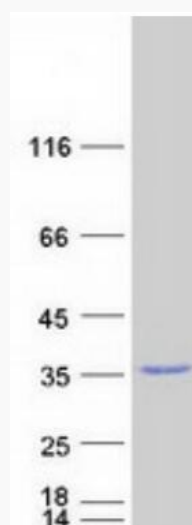
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MIM 176981

UniProt ID P63244



Coomassie blue staining of purified RACK1 protein.

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