Recombinant Full Length Human CDC37 Protein, C-Flag-tagged

Cat. No. CDC37-2013HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CDC37 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of Sacchromyces cerevisiae. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.3 kDa
AA Sequence	MVDYSVWDHIEVSDDEDETHPNIDTASLFRWRHQARVERMEQFQKEKEELDRGCR ECKRKVAECQRKLKE LEVAEGGKAELERLQAEAQQLRKEERSWEQKLEEMRKKEK SMPWNVDTLSKDGFSKSMVNTKPEKTEEDS EEVREQKHKTFVEKYEKQIKHFGML RRWDDSQKYLSDNVHLVCEETANYLVIWCIDLEVEEKCALMEQVA HQTIVMQFILEL AKSLKVDPRACFRQFFTKIKTADRQYMEGFNDELEAFKERVRGRAKLRIEKAMKEYE E EERKKRLGPGGLDPVEVYESLPEELQKCFDVKDVQMLQDAISKMDPTDAKYHMQ

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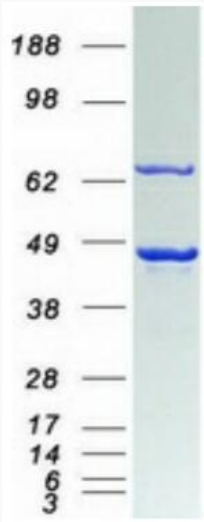
	RCIDSGLWVPNSKASE AKEGEEAGPGDPLLEAVPKTGDEKDVSV TRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	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.
Full Length	Full L.

GENE INFORMATION

Gene Name	CDC37 cell division cycle 37, HSP90 cochaperone [Homo sapiens (human)]
Official Symbol	CDC37
Synonyms	P50CDC37
Gene ID	11140
mRNA Refseq	NM_007065.4
Protein Refseq	NP_008996.1

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MIM	605065
UniProt ID	Q16543



Coomassie blue staining of purified CDC37 protein.

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