

Recombinant Full Length Human CDC37 Protein, GST-tagged

Cat. No. CDC37-3073HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Human CDC37 full-length ORF (AAH08793.1, 1 a.a. - 378 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

Protein Length 378 amino acids

Description The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Sacchomyces 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. [provided by RefSeq, Jul 2008]

Molecular Mass 67.32 kDa

AA Sequence MMDYSVWDHIEVSDDEDETHPNIDTASLFRWRHQARVERMEQFQKEKEELDRGCR
 ECKRKVAECQRKLKELEVAEGGKAELERLQAEAAQQLRKEERSWEQKLEEMRKKEK
 SMPWNVDTLTKDGFSSKSMVNTKPEKTEEDSEEVREQKHKTFFVEKYEKQIKHFGML
 RRWDDSQKYLSDNVHLVCEETANYLVIWCIDLEVEEKCALMEQVAHQITVMQFILEL
 AKSLKVDPRACFRQFFTKIKIADRQYMEGFNDELEAFKERVGRAKLRIEKAMKEYE
 EEERKKRLGPGGLDPVEVYESLPEELQKCFDVKDVQMLQDAISKMDPTDAKYHVQR
 CIDSGLWVPNSKASEAKEGEEAGPGDPLLEAVPKTGDEKDVSV

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CDC37 cell division cycle 37 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	CDC37
Synonyms	CDC37; cell division cycle 37 homolog (<i>S. cerevisiae</i>); CDC37 (cell division cycle 37, <i>S. cerevisiae</i> , homolog), CDC37 cell division cycle 37 homolog (<i>S. cerevisiae</i>); hsp90 co-chaperone Cdc37; CDC37 (cell division cycle 37; <i>S. cerevisiae</i> ; homolog); CDC37 cell division cycle 37 homolog; Hsp90 co chaperone Cdc37; P50CDC37; hsp90 chaperone protein kinase-targeting subunit; CDC37 (cell division cycle 37, <i>S. cerevisiae</i> , homolog);
Gene ID	11140
mRNA Refseq	NM_007065
Protein Refseq	NP_008996
MIM	605065
UniProt ID	Q16543

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