



# Recombinant Chicken Hsp90 co-chaperone Cdc37 (CDC37)

<b>Product Code</b>	CSB-EP005005CH-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O57476
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MVDYSVWDHI EVSDDDEETH PNIDTASLFR WRHQARVERM EQFQKEKEEL DKGCRECKRK LAECQKLLKE LEVAEPGGGS GGGRGERERL QAEAQQLRHE ERNWESKMEE LRKKEKNMPW NVHTLSKDG SKSVFNVKAE EKEETEEQKE QKHKTFVERH EKQIKHFGML RRWDDSQKYL SDNPHLVCEE TANYLVIWCI DLEVEEKQAL MEQVAHQ TIV MQFILELAKS LKVDPRACFR QFFTKIKTAD QQYMEGFNDE LEAFKERV RG RAKARIERAM REYEEEEERQK RLGPGGLDPV DVYESLPPEL QKCFDAKDVQ MLQDTISRMD PTEAKYHMQR CIDSGLWVPN AKAAAEGGGGQ GGAHGQPGGA DSEALYEEIP KESGEEEGGE GKA
<b>Source</b>	E.coli
<b>Target Names</b>	CDC37
<b>Protein Names</b>	Recommended name: Hsp90 co-chaperone Cdc37 Alternative name(s): Hsp90 chaperone protein kinase-targeting subunit p50Cdc37
<b>Expression Region</b>	1-393
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein is highly similar to Cdc 37, a cell division cycle control protein of <i>Saccharomyces cerevisiae</i> . 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.