



# Recombinant Chicken Twinfilin-2 (TWF2)

<b>Product Code</b>	CSB-EP726541CH-B
<b>Abbreviation</b>	TWF2
<b>Storage</b>	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
<b>Uniprot No.</b>	Q5ZM35
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MTHQTGIHAT TELRDFFAKA RNGSVRLIKV IIEEEQLVLG AHKELARRWD VDYDAFVLPL LDEQQPCYVL YRLDSQNAQG YEWLFISWSP DNSPVRLKML YAATRATVKK EFGGGHIKDE MFGTVKEDVS LSGYQKHVSS CSAPAPLTAA EQELQQIRIN EVKTEISVES KHQTLQGLAF PLQLDAQQAI QTLKQKKINY IQLKLDLERE TIDLVHTSPT DISDLPKRIP QDSARYHFFL YKHSHEGDYL ESVVFISMP GYKCSIKERM LYSSCKSRLL DTVEQEFCLE IAKKIEIDDG AELTAEFLYD EVHPKQHAFK QAFAPKGPV GKRQKRLIK GPGENGEDS
<b>Source</b>	E.coli
<b>Target Names</b>	TWF2
<b>Protein Names</b>	Recommended name: Twinfilin-2
<b>Expression Region</b>	1-349
<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 was identified by its interaction with the catalytic domain of protein kinase C-zeta. The encoded protein contains an actin-binding site and an ATP-binding site. It is most closely related to twinfilin (PTK9), a conserved actin monomer-binding protein.
<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>	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>