

## CKS2 Protein, Human

Cat. No.:	HY-P701662
Synonyms:	CKS2; Cyclin-dependent kinases regulatory subunit 2; CKS-2
Species:	Human
Source:	E. coli
Accession:	P33552 (M1-K79)
Gene ID:	1164
Molecular Weight:	

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	Angiopoietin-4 (ANGPT4) intricately engages with TEK/TIE2, exerting regulatory control over ANGPT1 signaling. Its binding to TEK/TIE2 has the potential to induce tyrosine phosphorylation of the receptor, thereby influencing downstream cellular responses. ANGPT4 plays a crucial role in fostering endothelial cell survival, enhancing cell migration, and promoting angiogenesis, contributing to the intricate orchestration of vascular processes. Structurally, ANGPT4 exists as a homodimer, with disulfide linkages ensuring molecular stability. The direct interaction with TEK/TIE2 underscores the significance of ANGPT4 in modulating key signaling pathways associated with vascular homeostasis and angiogenic responses.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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