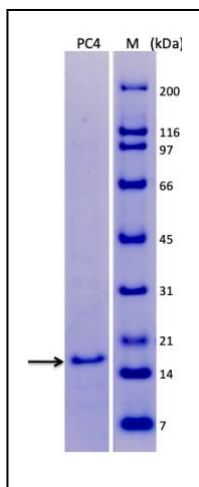


Recombinant PC4 Protein

Description



The human transcription co-activator (Positive Cofactor 4/PC4) is a 15 kDa protein (p15) that was expressed in the E coli system without additional tag sequence and purified by the combination of conventional and FPLC chromatography methods. PC4 is a highly conserved non-sequence-specific DNA-binding nuclear protein. Phosphorylation of PC4 at its N-terminal domain negatively regulates its ability to bind to activators and DNA. Recent studies have demonstrated that PC4 is one of common cancer markers.

MPKSKELVSSSSSGSDSDSEVDKKLKRKKQVAPEKPVKKQKTGETS
RALSSSKQSSSSRDDNMFQIGKMRYVSVRDFKGVLLIDIREYWMDP
EGEMKPGRKGISLNPEQWSQLKEQISDIDDAVRKL-

Accession Number

NM_006713

Molecular Mass

Approximately 16kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The recombinant PC4 protein was purified the E coli expression system and is suitable for the studies of transcription assays, protein-protein interaction and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (**Avoid repeated freeze-thaw cycle**)

FOR RESEARCH USE ONLY!!!