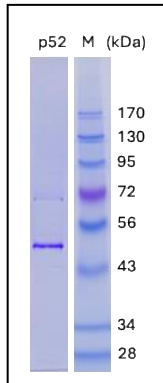


Recombinant p52/PSIP1 Protein

Catalog Number	Size
AG1029-10	10ug
AG1029-25	25ug
AG1029-B	Bulk

Description

The human PC4 and SRSF1 Interacting Protein 1 (PSIP1/p52) was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 346 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 52kDa.



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MHHHHHHSRRASVNSPDKFKPGDLIFAKMKGYPHWPARVDEVPDGAVKPPTN
KLPIFFFFGTHETAFLGPKDIFPYSENKEYGKPNKRKGFNEGLWEIDNNPK
VKFSSQQAATKQSNASSDVEVEEKETSVSKEDTDHEEKASNEDVTKAVDIT
TPKAARRGRKRKAQKQVETEEAGVTTATASVNLKVPKRGRPAATEVKIP
KPRGRPKMVKQPCPSESDIITEEDKSKKKGQEEKQPKKQPKKDEEGQKEED
KPRKEPDKKEGKKEVESKRKNLAKTGVTSTSDSEEEGDDQEGEKKRKGGRN
FQTAHRRNMLKGQHEKEAADRKQEEQMETEHQTTCNLQ-
```

Accession Number

NM_021144

Molecular Mass

Approximately 52Da.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The human PC4 and SRSF1 interacting protein 1 (PSIP1/p52) is derived from the gene of lens epithelial-derived growth factor (LEDGF/p75) by alternative splicing. p52/PSIP1 functions as a transcription co-activator by interacting with gene-specific activators. The recombinant p52 protein 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!!!