



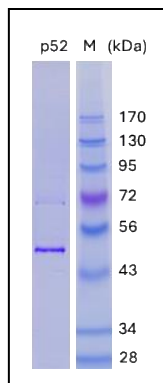
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## Recombinant p52/PSIP1 (E coli)

| Catalog Number | Size |
|----------------|------|
| AG212-10       | 10ug |
| AG212-25       | 25ug |
| AG212-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.



MHHHHHHSRRASVNSP DFKPGDLIFAKMKGYPHWPARVDEVDPGAVKPPTN  
KLPIFFFGTHETAF LGPKDIFPYSENKEYGKPNKRKGFNEGLWEIDNNPK  
VKFSSQQAATKQSNASSDVEVEEKETSVSKEDTDHEEKASNEVDTKAVDIT  
TPKAARRGRKRKAEKQVETEEAGVVTATASVNLKVSPKGRPAATEVKIP  
KPRGRPKMVKQPCPSES DII TEEDKSKKKGQEEKQPKKQPKKDEEGQKEED  
KPRKEPDKKEGKKEVESKRKNLAKTGV TSTSDSEEEGDDQEGEKKRKGRN  
FQTAHRRNMLKGQHEKEAADRKRKQEEQMETEHQTTCNLQ-

### Source

*E coli*

### 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!!!**