

## Recombinant Human PHF5A protein, GST-tagged

**Cat. No.** PHF5A-1681H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PHF5A protein(1-110 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-110 aa                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | MAKHHPDLIFCRKQAGVAIGRLCEKCDGKCVICDSYVRPCTLVRICDECNYGSYQG<br>RCVICGGPGVSDAYYCKECTIQEKDRDGCPKIVNLGSSKTDLFYERKKYGFKKR                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                                        |
| <b>Reconstitution</b>   | Dissolve the product in 200                                                                                                                                                                                                                                                                                                                                                                  |

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

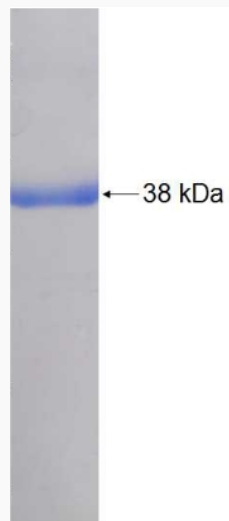
|                        |                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PHF5A PHD finger protein 5A [ Homo sapiens ]                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | PHF5A                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | PHF5A; PHD finger protein 5A; PHD finger-like domain-containing protein 5A; bK223H9.2; INI; MGC1346; Rds3; SAP14b; SF3b14b; PHD-finger 5a; PHD finger-like domain protein 5A; splicing factor 3B associated 14 kDa protein; splicing factor 3B-associated 14 kDa protein; |
| <b>Gene ID</b>         | 84844                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_032758                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_116147                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | Q7RTV0                                                                                                                                                                                                                                                                    |

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## SDS-PAGE



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