

## Recombinant Human PLEK protein, His-tagged

**Cat. No.** PLEK-497H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PLEK protein(XP_004029394.1) (Met1-Lys350) was expressed in E.coli with a polyhistide tag at the N-terminus.                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-350 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile 50mM Tris, 10% Glycerol, pH 8.0.                                                                                                                            |
| <b>Molecular Mass</b>   | The recombinant human PLEK consists of 365 amino acids and predicts a molecular mass of 41.9 KDa. It migrates as an approximately 45 KDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.        |

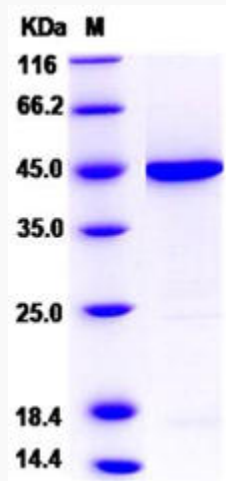
### GENE INFORMATION

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|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| <b>Gene Name</b>       | PLEK pleckstrin [ Homo sapiens ]                          |
| <b>Official Symbol</b> | PLEK                                                      |
| <b>Synonyms</b>        | PLEK; pleckstrin; P47; platelet 47 kDa protein; FLJ27168; |
| <b>Gene ID</b>         | 5341                                                      |
| <b>mRNA Refseq</b>     | NM_002664                                                 |
| <b>Protein Refseq</b>  | NP_002655                                                 |
| <b>MIM</b>             | 173570                                                    |
| <b>UniProt ID</b>      | P08567                                                    |

**SDS-PAGE**


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