



[Go to Product page](#)

Datasheet for ABIN1611824  
**PLEKHD1 Protein (AA 1-505) (His tag)**

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | PLEKHD1  |
| Protein Characteristics:      | AA 1-505                                       |
| Origin:                       | Rat  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This PLEKHD1 protein is labelled with His tag. |
| Application:                  | ELISA  |

### Product Details

|                  |  |
|------------------|--|
| Sequence:        | MFTSKSNSVS PSPSLEQADA DALDISTKVQ LYGVLWKRPF GRSSAKWSRR FFIKESFLL<br>YSESERKSF ETNKYFNIHP KGVPLGGCL VEAREEPSMP YAMKISHQDF HGNVLLAES<br>EFEQTQWLEM LQESGKVTWK NAQLGEAMIK SLEAQLQLA KEKQEYLDKL MEETEELCLQ<br>REQREELERL NQVLEAEKQQ FEEVVQELKV EQEQIKRELE LTARCLKGVE QEKKELRHLT<br>ESLQHTLEEL SIEKKKTLEM LEEDKNQPQP LTNQSEQPPA TDGLHSNLRQ IEERMQELLA<br>EKLLAEKRMK ENEERSALE EREFYSSQS QALQNSLQEL TAEKQAEQE LKAEVKVRMD<br>LERRLREAEA ALRSLEQGLN SKVRNKEKEE RMRADVSHLK RFFEECIRNA ELEAKMPVIM<br>KNSVYIHKAA TRRIKSCRFH RRSSTSWND MKPSQSFMTS QLEANNIEEL KEVAKRLSRD<br>QRFRESIYHI MATQPGASAL PRGGK |
| Specificity:     | Rattus norvegicus (Rat)  |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.   |

## Product Details

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Purity: > 90 %

## Target Details

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Target: PLEKHD1

Alternative Name: Pleckstrin homology domain-containing family D member 1 (Plekhd1) ([PLEKHD1 Products](#))

Background: Recommended name: Pleckstrin homology domain-containing family D member 1.  
Short name= PH domain-containing family D member 1

UniProt: [B1WBU8](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.