



Datasheet for ABIN1313909

## Phenylalanine Hydroxylase Protein (AA 1-452) (GST tag)



[Go to Product page](#)

### 1 Image

#### Overview

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| Quantity:                     | 10 µg                                                                         |
| Target:                       | Phenylalanine Hydroxylase                                                     |
| Protein Characteristics:      | AA 1-452                                                                      |
| Origin:                       | Human                                                                         |
| Source:                       | Wheat germ                                                                    |
| Protein Type:                 | Recombinant                                                                   |
| Purification tag / Conjugate: | This Phenylalanine Hydroxylase protein is labelled with GST tag.              |
| Application:                  | Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA) |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | PAH (Human) Recombinant Protein (P01)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence:        | MSTAVLENPG LGRKLSDFGQ ETSYIEDNCN QNGAISLIFS LKEEVGALAK VLRLFEENDV<br>NLTHIESRPS RLKDEYEFF THLDKRSLPA LTNIIKILRH DIGATVHELSD RDKKKDTPW<br>FPRTIQELDR FANQILSYGA ELDADHPGFK DPVYRARRKQ FADIAYNYRH GQPIPRVEYM<br>EEGKKTWGTV FKTLKSLYKT HACYEYNHIF PLEKYCGFH EDNIPQLEDV SQFLQTCTGF<br>RLRPVAGLLS SRDFLGGLAF RVFHCTQYIR HGSKPMTPE PDICHELLGH VPLFSDRSFA<br>QFSQEIGLAS LGAPDEYIEK LATIYWFTVE FGLCKQGDSI KAYGAGLLSS FGELQYCLSE<br>KPKLLPLELE KTAIQNYTVT EFQPLYYVAE SFNDAKEKVR NFAATIPRPF SVRYDPYTQR<br>IEVLDNTQQL KILADSINSE IGILCSALQK IK |
| Characteristics: | Human PAH full-length ORF ( AAH26251.1, 1 a.a. - 452 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Product Details

---

Purification: in vitro wheat germ expression system

## Target Details

---

Target: Phenylalanine Hydroxylase

Alternative Name: PAH ([Phenylalanine Hydroxylase Products](#))

Background: Full Gene Name: phenylalanine hydroxylase  
Synonyms: PH,PKU,PKU1

Gene ID: 5053

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system  
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

## Handling

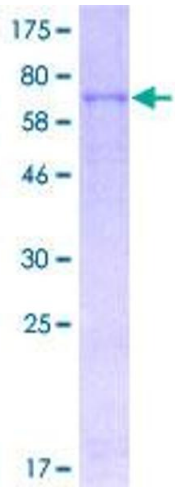
---

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.



**Image 1.**