

## Recombinant Human PAH protein, His-tagged

Cat. No. PAH-5326H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PAH protein(P00439)(2-452aa), fused with C-terminal His tag, was expressed in Yeast.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	2-452aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	52.8 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**AA Sequence**

STAVLENPGLGRKLSDFGQETSYIEDNCNQNNGAISLIFSLKEEVGALAKVLRLFEEND  
VNLTHIESRPSRLKKDEYEFFTHLDKRSLPALTNIIKILRHDIGATVHELSDKDKKDTVP  
WFPRTIQELDRFANQILSYGAELDADHPGFKDPVYRARRKQFADIAYNYRHGQPIPR  
VEYMEEEEKKTWGTVFKTLKSLYKTHACYEYNHIFPILLEKYCGFHEDNIPQLEDVVSQF  
LQTCTGFRLRPVAGLLSSRDFLGGLAFRVFHCTQYIRHGSKPMYTPEPDICHELLGH  
VPLFSDRSFAQFSQEIGLASLGAPDEYIEKLATIWFTVEFGLCKQGDSIKAYGAGLL  
SSFGELQYCLSEKPKLLPLELEKTAIQNYTVTEFQPLYYYVAESFNDAKEKVRNFAATI  
PRPFSVRYDPYTQRIEVLDNTQQLKILADSINSEIGILCSALQKIK

**GENE INFORMATION**

**Gene Name** PAH phenylalanine hydroxylase [ Homo sapiens ]

**Official Symbol** PAH

**Synonyms** PAH; phenylalanine hydroxylase; phenylalanine-4-hydroxylase; PH; phenylalanine 4 monooxygenase; phe-4-monooxygenase; phenylalanine 4-monooxygenase; PKU; PKU1;

**Gene ID** 5053

**mRNA Refseq** NM\_000277

**Protein Refseq** NP\_000268

**MIM** 612349

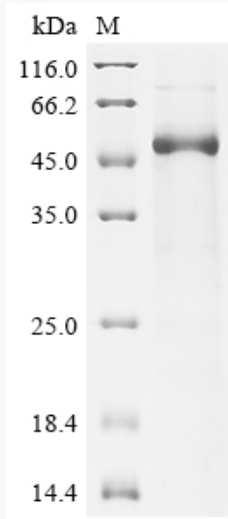
**UniProt ID** P00439

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA