

Recombinant Human PAH protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PAH protein(P00439)(2-452aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	2-452aa
Form	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.
Molecular Mass	52.8 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

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AA Sequence

STAVLENPGLGRKLSDFGQETSYIEDNCNQNGAISLIFSLKEEVGALAKVLRLFEEND
 VNLTHIESRPSRLKKDEYEFFTHLDKRSLPALTNIIKILRHDIGATVHELSDKKKDTVP
 WFPRTIQELDRFANQILSYGAELDADHPGFKDPVYRARRKQFADIAYNYRHGQPIPR
 VEYMEEEEKKTWGTVFKTLKSLYKTHACYEYNHIFPLLEKYCGFHEDNIPQLEDVSQF
 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](#)

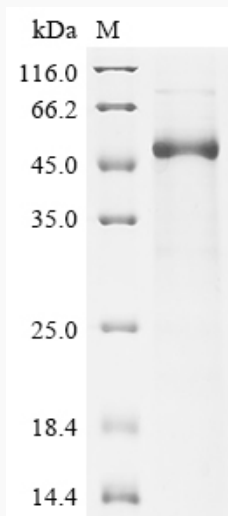
MIM [612349](#)

UniProt ID [P00439](#)

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SDS-PAGE

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