

Recombinant Mouse Pah protein(2-453aa), His-tagged

Cat. No. Pah-459M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pah protein(P16331)(2-453aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	2-453aa
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	55.9 kDa
Purity	Greater than 90% 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

AAVLENGVLSRKLSDFGQETSYIEDNSNQNGAVSLIFSLKEEVGALAKVLRRLFEEENE
 INLTHIESRPSRLNKDEYEFFTYLDKRSKPVLGSIKSLRNDIGATVHELSDKEKNTV
 PWFPRTIQELDRFANQILSYGAELDADHPGFKDPVYRARRKQFADIAYNYRHGQPIP
 RVEYTEEERKTWGTVFRTLKALYKTHACYEHNHIFPLLEKYCGFREDNIPQLEDVVSQ
 FLQTCTGFRLRPVAGLLSSRDFLGGLAFRVFHCTQYIRHGSKPMYTPEPDICHELLG
 HVPLFSDRSFAQFSQEIGLASLGAPDEYIEKLATIWFTVEFGLCKEGDSIKAYGAGL
 LSSFGEQYCLSDKPKLLPLELEKTACQEYTVTEFQPLYYVAESFNDAKEKVRTFAA
 TIPRPFVSVRYDPYTQRVEVLDNTQQLKILADSINSEVGILCHALQKIKS

GENE INFORMATION

Gene Name [Pah phenylalanine hydroxylase \[Mus musculus \]](#)

Official Symbol [Pah](#)

Synonyms PAH; phenylalanine hydroxylase; phenylalanine-4-hydroxylase; phe-4-monooxygenase; AW106920;

Gene ID [18478](#)

mRNA Refseq [NM_008777](#)

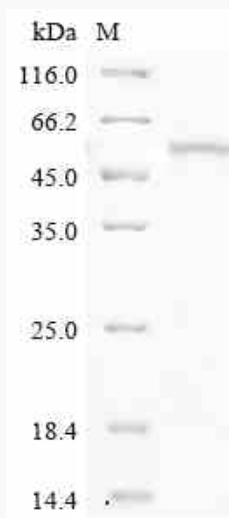
Protein Refseq [NP_032803](#)

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SDS-PAGE



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