

Recombinant Human PAH Protein, His-tagged

Cat. No. PAH-260H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAH Protein(NP_000268.1) fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Wild type full length
Description	This gene encodes a member of the bipterin-dependent aromatic amino acid hydroxylase protein family. The encoded phenylalanine hydroxylase enzyme hydroxylates phenylalanine to tyrosine and is the rate-limiting step in phenylalanine catabolism. Deficiency of this enzyme activity results in the autosomal recessive disorder phenylketonuria.
Form	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)
Endotoxin	<1EU per ug (determined by the LAL method)
Purity	>= 90% as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.5 mg/ml

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GENE INFORMATION

Gene Name PAH phenylalanine hydroxylase [Homo sapiens (human)]

Official Symbol PAH

Synonyms PH; PKU; PKU1

Gene ID 5053

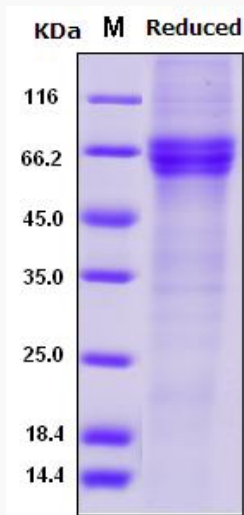
mRNA Refseq NM_000277.3

Protein Refseq NP_000268.1

MIM 612349

UniProt ID P00439

SDS-PAGE of PAH-260H



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