

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

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

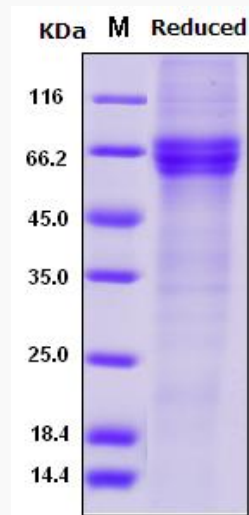
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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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