

Recombinant Full Length Human PAH Protein, GST-tagged

Cat. No. PAH-7023HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human PAH (1 a.a. - 452 a.a.) fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	452 amino acids
Description	PAH encodes the enzyme phenylalanine hydroxylase that is the rate-limiting step in phenylalanine catabolism. Deficiency of this enzyme activity results in the autosomal recessive disorder phenylketonuria.
Molecular Mass	78.2 kDa
Applications	ELISA; WB
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.

GENE INFORMATION

Gene Name PAH phenylalanine hydroxylase [Homo sapiens]

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Official Symbol	PAH
Synonyms	PAH; PH; PKU1; PKU; phenylalanine hydroxylase; phenylalanine-4-hydroxylase; phe-4-monooxygenase; phenylalanine 4-monooxygenase; Phe-4-monooxygenase; EC 1.14.16
Gene ID	5053
mRNA Refseq	NM_000277
Protein Refseq	NP_000268
MIM	612349
UniProt ID	P00439

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