

## Recombinant Human PAH protein, His-tagged

**Cat. No.** PAH-4984H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PAH protein(NP_000268)(Glu228~Lys452), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu228~Lys452
<b>Form</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	26kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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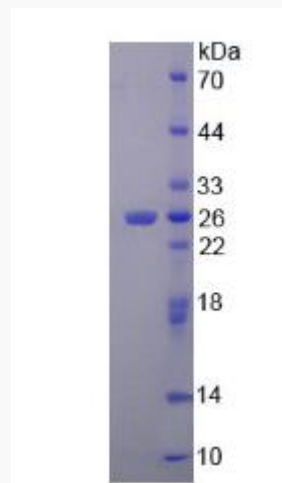
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## GENE INFORMATION

<b>Gene Name</b>	PAH phenylalanine hydroxylase [ Homo sapiens (human) ]
<b>Official Symbol</b>	PAH
<b>Synonyms</b>	PH; PKU; PKU1
<b>Gene ID</b>	5053
<b>mRNA Refseq</b>	NM_000277.3
<b>Protein Refseq</b>	NP_000268
<b>MIM</b>	612349
<b>UniProt ID</b>	P00439

### SDS-PAGE



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