

Recombinant Human PAH Protein, His-SUMO-tagged

Cat. No. PAH-1318H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAH Protein (2-452aa) was expressed in E. coli with N-terminal His-SUMO tag.
Species	Human
Source	E.coli
ProteinLength	2-452 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	67.7 kDa
AA Sequence	STAVLENPGLGRKLSDFGQETSYIEDNCCNQNQAISLIFSLKEEVGALAKVLRRLFEEEND VNLTHIESRPSRLKKDEYEFFTHLDKRSLPALTNIIKILRHDIGATVHELSDKDKKDTVP WFPRTIQELDRFANQILSYGAELDADHPGFKDPVYRARRKQFADIAYNYRHGQPIPR VEYMEEGKKTWGTVFKTLKSLYKTHACYEYNHIFPLLEKYCGFHEDNIPQLEDVVSQF LQTCTGFRLRPVAGLLSSRDFLGGLAFRVFHCTQYIRHGSKPMYTPEPDICHELLGH VPLFSDRSFAQFSQEIGLASLGAPDEYIEKLATIWFTVEFGLCKQGDSIKAYGAGLL SSFGELQYCLSEKPKLLPLELEKTAIQNYTVTEFQPLYVAESFNDAKEKVRNFAATI PRPFSVRYDPYTQRIEVLDNTQQLKILADSINSEIGILCSALQKIK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life

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

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

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of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	PAH phenylalanine hydroxylase [Homo sapiens]
Official Symbol	PAH; phenylalanine hydroxylase; phenylalanine-4-hydroxylase; PH; phenylalanine 4 monooxygenase; phe-4-monooxygenase; phenylalanine 4-monooxygenase; PKU; PKU1
Synonyms	PAH; phenylalanine hydroxylase; phenylalanine-4-hydroxylase; PH; phenylalanine 4 monooxygenase; phe-4-monooxygenase; phenylalanine 4-monooxygenase; PKU; PKU1; EC 1.14.16.1
Gene ID	5053
mRNA Refseq	NM_000277
Protein Refseq	NP_000268
UniProt ID	612349

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