

Phenylalanine Hydroxylase (PAH) Recombinant Protein | PAH recombinant protein

Recombinant Phenylalanine Hydroxylase (PAH)

CATALOG # AAA134752	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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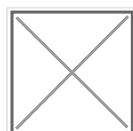
PRODUCT SYNONYMS

Phenylalanine Hydroxylase (PAH); Recombinant Phenylalanine Hydroxylase (PAH); PAH recombinant protein

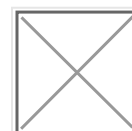
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris,500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thesequenc eofthetarg etproteini slistedbel ow. EDV SQFLQTCTGF RLRPVAGLLS SRDFLGGLAF RVFHCTQYIR HGSKPMYTP E PDICHELLGH VPLFSDRSFA QFSQEIGLAS LGAPDEYIEK LATIYWFTVE FGLCKQGDSI KAYGAGLLSS FGELQYCLSE KPKLLPLELE KTAIQNYTVT EFQPLYYVAE SFNDAKEKVR NFAATIPRPF SVRYDPYTQR IEVL DNTQQL KILAD SINSE IGILCSALQK IK
Sequence Length	452
Applicable Applications for PAH recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Subcellular Location	Extracellular exosome
Residues	Glu228~Lys452 (Accession # P00439) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted isoelectric point	6.1
Predicted Molecular Mass	26.9kDa
Reconstitution	Reconstitute in ddH2O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557819
NCBI GeneID	5053
NCBI Accession #	NP_000268.1
NCBI GenBank Nucleotide #	NM_000277.1
UniProt Accession #	P00439; Q16717; Q8TC14
NCBI Official Full Name	phenylalanine-4-hydroxylase
NCBI Official Synonym Full Names	phenylalanine hydroxylase
NCBI Official Symbol	PAH
NCBI Official Synonym Symbols	PH; PKU; PKU1
NCBI Protein Information	phenylalanine-4-hydroxylase; phe-4-monooxygenase; phenylalanine 4-monooxygenase
UniProt Protein Name	Phenylalanine-4-hydroxylase
UniProt Gene Name	PAH
UniProt Synonym Gene Names	PAH
UniProt Entry Name	PH4H_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pah-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134752>