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Datasheet for ABIN7505271

Phenylalanine Hydroxylase Protein (AA 2-452) (His tag)

Overview

Quantity:	100 µg
Target:	Phenylalanine Hydroxylase
Protein Characteristics:	AA 2-452
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Phenylalanine Hydroxylase protein is labelled with His tag.

Product Details

Sequence:	Ser 2-Lys 452
Characteristics:	A DNA sequence encoding the Human PAH protein (P00439) (Ser 2-Lys 452) was expressed with a C-His&N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Phenylalanine Hydroxylase
Alternative Name:	PAH (Phenylalanine Hydroxylase Products)
Background:	Background: PAH (phenylalanine hydroxylase), also known as PH, belongs to the bioppterin-dependent aromatic amino acid hydroxylase family. It contains 1 ACT domain, N-terminal region of PAH is thought to contain allosteric binding sites for phenylalanine and to consti Synonym: PH,PKU,PKU1

Target Details

Molecular Weight: 49.5 kDa

UniProt: [P00439](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months