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Datasheet for ABIN2728159

Phenylalanine Hydroxylase Protein (Myc-DYKDDDDK Tag)

1 Image

Overview

Quantity:	20 µg
Target:	Phenylalanine Hydroxylase
Origin:	Chemical
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Phenylalanine Hydroxylase protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human PAH protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Phenylalanine Hydroxylase
Alternative Name:	Pah (Phenylalanine Hydroxylase Products)
Target Type:	Chemical
Background:	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.

Target Details

Molecular Weight: 51.7 kDa

NCBI Accession: [NP_000268](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

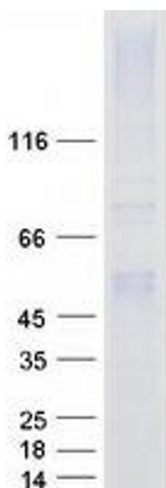
Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot