

Product datasheet

Recombinant Human HPD protein ab99868

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Overview

Product name	Recombinant Human HPD protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	P32754
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSH MTTYSDKGAKPERGRFLHFHSVTFWVGNAK QAASFYCSKMGFEPLAYRGLTGSREVVSHVIKQGKIVFLSSALNPWNK EMGDHLVKHGDGVKDIAFEVEDCDYVQKARERGAKIMREPWVEQDKFGK VKFAVLQTYGDTTHTLVEKMNYIGQFLPGYEAPAFMDPLLPKLPKCSLEM IDHIVGNQPDQEMVSASEWYLKNLQFHRFWSVDDTQVHTEYSSLRSMVVA NYEESIKMPINEPAPGKKKSQIQEYVDYNGGAGVQHIALKTEDIITAIRH LRERGLEFLSVPSTYYQLREKLKTAKIKVKENIDALEELKILVDYDEKG YLLQIFTKPVQDRPTLFLEVIQRHNNHQGFAGNFNSLFKAFEEEEQNLRGN LTNMETNGVVPGM
Molecular weight	47 kDa including tags
Amino acids	1 to 393
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab99868** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Purity	> 90 % SDS-PAGE.

ab99868 is purified using conventional chromatography techniques.

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: None

Constituents: 20% Glycerol, 50mM Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

General Info

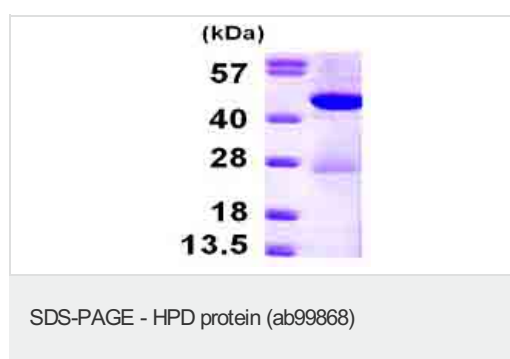
Function Key enzyme in the degradation of tyrosine.

Pathway Amino-acid degradation; L-phenylalanine degradation; acetoacetate and fumarate from L-phenylalanine: step 3/6.

Involvement in disease Tyrosinemia 3
Hawkinsinuria

Sequence similarities Belongs to the 4HPPD family.

Images



15% SDS-PAGE showing ab99868 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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