

Recombinant Human FAHD1, His-tagged

Cat. No. FAHD1-958H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FAHD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	Fumarylacetoacetate hydrolase domain-containing protein 1, also known as FAHD1, belongs to the FAH family. FAHD1 is thought to have hydrolase activity and uses Magnesium and Calcium as cofactors. It appears highly probable that the metal binding sites are involved in an enzymatic activity related to the catabolism of aromatic amino acids.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl.
Molecular Weight	27 kDa (244aa) confirmed by MALDI-TOF.
Purity	> 95% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGIMAASRPL SRFWEWGKNI VCVGRNYADH VREMRSVAVLS EPVLFLKPST AYAPEGSPIL MPAYTRNLHH EELGVVMGK RCRAVPEAAA MDYVGGYALC LDMTARDVQD ECKKKGLPWT LAKSFTASCP

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VSAFVPKEKI PDPHKLKLWL KVNGELRQEG ETSSMIFSIP YIISYVSKII
TLEEGDIILT GTPKGVGPVK ENDEIEAGIH GLVSMTFKVE KPEY.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name

FAHD1 fumarylacetoacetate hydrolase domain containing 1 [Homo sapiens]

Synonyms

fumarylacetoacetate hydrolase domain containing 1; YISKL; C16orf36; MGC7-4876; DKFZp566J2046; FAHD1; YISK like/RJD15; yisK-like protein; fumarylac-etoacetate hydrolase domaincontaining protein 1

Gene ID

81889

mRNA Refseq

NM_031208

Protein Refseq

NP_112485

UniProt ID

Q6P587

**Chromosome
Location**

16p13.3

Function

hydrolase activity; metal ion binding; protein binding

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