

Recombinant human FAHD1 protein

Catalog Number: ATGP0904

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-224aa

UniProt No.

Q6P587

NCBI Accession No.

NP_112485

Alternative Names

Fumarylacetoacetate hydrolase domain-containing protein 1, YISKL

PRODUCT SPECIFICATION

Molecular Weight

27 kDa (244aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human FAHD1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

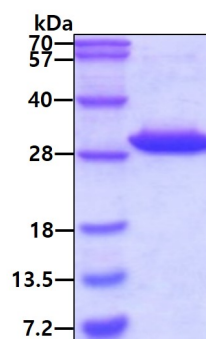
<MGSSHHHHHH SSGLVPRGSH> MGIMAASRPL SRFWEWGKNI VCVGRNYADH VREMRSVLS EPVLFLKPST
AYAPEGSPIL MPAYTRNLHH EELGVVMGK RCRAVPEAAA MDYVGGYALC LDMTARDVQD ECKKKGLPWT LAKSFTASCP
VSAFVPKEKI PDPHKLKLWL KVNGELRQEG ETSSMIFSIP YIISYVSKII TLEEGDIILT GTPKGVGPVK ENDEIEAGIH
GLVSMTFKVE KPEY

General References

Naniasetty BA., et al. (2004) Biol chem. 385(10):935-42.
Wiemann S., et al. (2001) Genome Res. 11(3):422-35.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain