

## FAHD1 Human

**Description:**FAHD1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 244 amino acids (1-224 a.a.) and having a molecular mass of 27kDa. The FAHD1 is purified by proprietary chromatographic techniques.

Catalog #:ENPS-074

For research use only.

**Synonyms:**Fumarylacetoacetate hydrolase domain-containing protein 1, YisK-like protein, FAHD1, C16orf36, YISKL, MGC74876, DKFZp566J2046.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGIMAASRPL SRFWEWGKNI  
VCVGRNYADH VREMRSVAVLS EPVLFKLPST AYAPEGSPIL MPAYTRNLHH ELEGVVMGK  
RCRAVPEAAA MDYVGGYALC LDMTARDVQD ECKKKGLPWT LAKSFTASCP VSAFVPKEKI  
PDPHKLKLWL KVNGLRQEG ETSSMIFSIP YIISYVSKII TLEEGDIILT GTPKGVGPVK  
ENDEIEAGIH GL

**Purity:**Greater than 95.0% as determined by SDS-PAGE.

### Formulation:

The FAHD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.

### Stability:

FAHD1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Fumarylacetoacetate hydrolase domain-containing protein 1 (FAHD1) is a member of the FAH family. FAHD1 is considered to have hydrolase activity and it uses Magnesium and Calcium as cofactors. It seems quite likely that the metal binding sites are involved in an enzymatic activity connected to the catabolism of aromatic amino acids.

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