



Recombinant Human Fumarylacetoacetase (FAH)

Product Code	CSB-EP007965HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P16930
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	SFIPVAEDS DFPIHNLPGY VFSTRGDPRP RIGVAIGDQI LDLSIIKHLF TGPVLSKHQD VFNQPTLNSF MGLGQAAWKE ARVFLQNLLS VSQARLRDDT ELRKCAFISQ ASATMHLPAT IGDYTDYFSS RQHATNVGIM FRDKENALMP NWLHLPVGYH GRASSVVVSG TPIRRPMGQM KPDDSKPPVY GACKLLDMEL EMAFFVGPNG RLGEPIPIK AHEHIFGMVL MNDWSARDIQ KWEYVPLGPF LGKSFGTTVS PWVVPMDALM PFAVPNPKQD PRPLPYLCHD EPYTFDINLS VNLKGEGMSQ AATICKSNFK YMYWTMLQQL THHSVNGCNL RPGDLLASGT ISGPEPENFG SMLELSWKGT KPIDLNGGQT RKFLLDGDEV IITGYCQGDG YRIGFGQCAG KVL PALLPS
Source	E.coli
Target Names	FAH
Protein Names	Recommended name: Fumarylacetoacetase Short name= FAA EC= 3.7.1.2 Alternative name(s): Beta-diketonase Fumarylacetoacetate hydrolase
Expression Region	2-419
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes the last enzyme in the tyrosine catabolism pathway. FAH deficiency is associated with Type 1 hereditary tyrosinemia (HT).
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.