



Recombinant Bacteroides fragilis

Imidazolonepropionase (hutI)

Product Code	CSB-EP717598BDQ-B
Abbreviation	hutI
Storage	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.
Uniprot No.	Q64NP4
Product Type	Recombinant Protein
Immunogen Species	Bacteroides fragilis (strain YCH46)
Purity	≥85% (SDS-PAGE)
Sequence	MSENLIIFNA KVVTPPLGFSR RKGKEMAEIR ILEKATVEVV DGIITYVGPN RGEVRDGYHH HFWHYNARGK CLLPGFVDSH THFVFGGERA EEFSWRLKGE SYMSIMQRRG GIATVQATR ELSFIHLRSK AEGLLKKMTA MGITTVGKKS GYGLNRETEL LQLKVMRSLN KDEGVRVDIV PTFLGAHALP DEYRERPDDY IDFLIRELLP VIQRDSLAEF CDVFCEEGVF SIEQSRRLT AAGDYGLLPK LHADEIVPLG GAELAAELGA VSADHLLHAS DAGIEAMARK GVVATLLPLT AFALKEPYAR GRDMIDAGCA VALATDLNPG SCFSGSIPLT FALACIHMQL TVEEAITALT LNGAAALNRA DSIQSIEVGK KGDFVVLDS NYHILPYYVG MNCVNTTIKG GMLYPSV
Source	E.coli
Target Names	hutI
Protein Names	Recommended name: Imidazolonepropionase EC= 3.5.2.7 Alternative name(s): Imidazolone-5-propionate hydrolase
Expression Region	1-417
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 protein
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.