



# Recombinant Imidazolonepropionase (hutI)

<b>Product Code</b>	CSB-MP733345SMZ
<b>Abbreviation</b>	hutI
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q5X9L1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MVADVLLTHF NQLFCLNDPG HPLTGQEMKK ATIVEDGYIA IKDGLIVALG SGEPDAELVG PQTIMRSYKG KIATPGI IDC HTHLVYGGSR EHEFAKLAG VPYLDILAQG GGILSTVRAT RSASFDONLYQ KSKRLLDYML LHGVTTVEAK SGYGLDWETE KRQLDVVAAL EKDHPI DLVS TFMAAHA IPE EYKGNPKAYL DVIKDM LPV VKEKNLAEFC DIFCEKNVFT ADESR YLLSK AKEMGFKLRI HADEIASIGG VDVAAE LSAV SAEHLMMITN DGI AKLIGAG VIGNLLPATT FSLMEDTYAP ARKMIDAGMA ITLSTDSNPG SCPTANMQFV MQLGCFMLRL TPIEVLNAV T INAAYS VNRQ ERVGS LTVGK EADIAIFDAP NIDYLFYFFA TNLIHQVYKK GQLTVDRGRI L
<b>Source</b>	Mammalian cell
<b>Target Names</b>	hutI
<b>Protein Names</b>	Recommended name: Imidazolonepropionase EC= 3.5.2.7 Alternative name(s): Imidazolone-5-propionate hydrolase
<b>Expression Region</b>	1-421
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.