



Recombinant Imidazolonepropionase (hutI)

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|--------------------------|---|
| Product Code | CSB-EP724188SRW-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. | Q67JH7 |
| Product Type | Recombinant Protein |
| Immunogen Species | Symbiobacterium thermophilum (strain T / IAM 14863) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MRPVDLLIVG AGELVTMAGG PRRGERMKDA AVIPGGALAA RDGRIVAVGP EDEVLRVTET GPDTRVIDAR GRAVIPGFVD PHTHLCFAGD RAEFALRLG GATYQEIAAR GGGILETVRA TRAASQAELV ELGLARLDQL ALNGTTTVEV KSGYGLSLAD ELKQLRAIRA MARRHPLTVV PTFMGAHEVP PEYRSRREAY VDLLVEEMLP AVAAEPGLAR FADVTEAGV FSVAESRRIL ERAKALGFGV KVHADELSL GGAALAAELG AISAEHLLHA SDEALAKLAE AGTVAVCLPG TSFCLMNAPY ARARRMIELG CTVALGSDYN PGSCPAYAMP FIITLACMHL GLNPSEALAA ATINAAAAIG MEAEVGSLEV GKLADVILS TPTHWHIPYH MGMGVVAKVV KRGRLLVDEG KVRRR |
| 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 | 1-425 |
| 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. |
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