



# Recombinant Haloarcula marismortui 1- (5-phosphoribosyl)-5-[ (5-phosphoribosylamino)methylideneamino] imidazole-4-carboxamide isomerase (hisA)

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| <b>Product Code</b>      | CSB-BP722754HTJ                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Abbreviation</b>      | hisA                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q5UZH1                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen Species</b> | Haloarcula marismortui (strain ATCC 43049 / DSM 3752 / JCM 8966 / VKM B-1809) (Halobacterium marismortui)                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sequence</b>          | MYPEFEVPPA VDMQDGQVVQ LVGGERGTEK TYGDPVEAAQ<br>RWVDAGARTL HLVDLDGAFE GERQNAAAID AVLDAVGADV DVQLGGGIRT<br>AEDAVSLLDR GLDRVILGTA AVETPEIVGE ISDEHPGSVL VSLDAKDGEV<br>VVSGWTEGTG LDPADAAGRY ADLGAGGILF TDVDVEGQLD GVRTDPVRRRL<br>VDSVDIPVIA SGGVATINDV LALRSAGAAA VVVGSALEYEG QFTLDAAIDA<br>LGESSE                                                                                                             |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target Names</b>      | hisA                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Names</b>     | Recommended name: 1-(5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino] imidazole-4-carboxamide isomerase<br>EC= 5.3.1.16 Alternative name(s): Phosphoribosylformimino-5-aminoimidazole carboxamide ribotide isomerase                                                                                                                                                                           |
| <b>Expression Region</b> | 1-246                                                                                                                                                                                                                                                                                                                                                                                                       |
| <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. |



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