



# Recombinant Human Histidine decarboxylase (HDC)

<b>Product Code</b>	CSB-EP010246HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P19113
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MMEPEEYRER GREMVDYICQ YLSTVRERRV TPDVQPGYLR AQLPESAPED PDSWDSIFGD IERIIMPGVV HWQSPHMAY YPALTSWPSL LGDMLADAIN CLGFTWASSP ACTELEMNVM DWLAKMLGLP EHFLHHHPSS QGGGVLQSTV SESTLIALLA ARKNKILEMK TSEPDADESC LNARLVAYAS DQAHSSEKA GLISLVKMKF LPVDDNFSLR GEALQKAIEE DKQRGLVPVF VCATLGTTGV CAFDCLSELG PICAREGLWL HIDAAYAGTA FLCPEFRGFL KGIEYADSFT FNPSKWMMVH FDCTGFVVKD KYKLQQTFSV NPIYLRHANS GVATDFMHWQ IPLSRRFRSV KLWVIRSFV VKNLQAHVRH GTEMAKYFES LVRNDPSFEI PAKRHLGLVV FRLKGNCLT ENVLKEIACA GRLFLIPATI QDKLIIRFTV TSQFTTRDDI LRDWNLIRDA ATLILSQHCT SQPSRVGNL ISQIRGARAW ACGTSLQSVS GAGDDPVQAR KIIKQPQRVG AGPMKRENGL HLETLDPVD DCFSEEAPDA TKHKLSSFLF SYLSVQTKKK TVRSLSCNSV PVSAQKPLPT EASVKNNGSS RVRIFSRFPE DMMMLKKSFAF KKLKIFYSVP SFPECSSQCG LQLPCCPLQA MV
<b>Source</b>	E.coli
<b>Target Names</b>	HDC
<b>Protein Names</b>	Recommended name: Histidine decarboxylase Short name= HDC EC= 4.1.1.22
<b>Expression Region</b>	1-662
<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.