

## Recombinant Human HDC Protein (1-662 aa), His-tagged

Cat. No. HDC-2110H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HDC Protein (1-662 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	1-662 aa
<b>Description</b>	Catalyzes the biosynthesis of histamine from histidine.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	76.2 kDa
<b>AA Sequence</b>	MMEPEEYRERGREMVDYICQYLSTVRERRVTPDVQPGYLRAQLPESAPEDPDSWD SIFGDIERIIMPGVVHWQSPHMHAYYPALTSWPSLLGDMLADAINCLGFTWASSPAC TELEMNVMDWLAKMLGLPEHFLHHPSSQGGGVLQSTVSESTLIALLAARKNKILEM KTSEPDADDESCLNARLVAYASDQAHSSEKAGLISLVKMKFLPVDNDFSLRGEALQK AIEEDKQRGLVPVFCATLGTTGVCADFCLSELGPICAREGLWLHIDAAYAGTAFCLCP EFRGFLKGIYADSFTFNPSKMMMVFHFDCTGFVWKDKYKLQQTFSVNPIYLRHANS GVATDFMHWQIPLSRRFRSVKLVFVIRSFVGNLQAHVRHGTEMAKYFESLVRNDP SFEIPAKRHLGLVVFRLKGNCLTENVLKEIAKAGRLFLIPATIQQDKLIIRFTVTSQFTTR DDILRDWNLIRDAATLILSQHCTSQPSRVGNLISQIRGARAWACGTSLQSVSGAGD

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DPVQARKIIKQPQRVVGAGPMKRENGHLHLETLDDPVDDCFSEEAPDATKHKLSSFLFS  
 YLSVQTKKKTVRSLSCNSVPVSAQKPLPTEASVKNNGSSRVRFISRFPEDEMMMLKK  
 SAFKKLIKFYSPSFPECSSQCGLQLPCCPLQAMV

**Purity** > 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Gene Name** [HDC histidine decarboxylase \[ Homo sapiens \]](#)

**Official Symbol** [HDC](#)

**Synonyms** [HDC](#); [histidine decarboxylase](#); [MGC163399](#);

**Gene ID** [3067](#)

**mRNA Refseq** [NM\\_002112](#)

**Protein Refseq** [NP\\_002103](#)

**MIM** [142704](#)

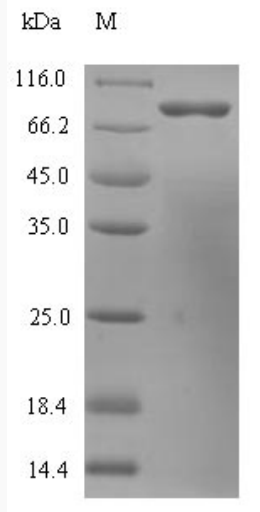
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UniProt ID

P19113



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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