

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Yeast
ProteinLength	1-662 aa
Description	Catalyzes the biosynthesis of histamine from histidine.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	76.2 kDa
AA Sequence	MMEPEEYRERGREMVDYICQYLSTVRERRVTPDVQPGYLRAQLPESAPEDPDSWD SIFGDIERIIMPGVVHWQSPHMHAYYPALTSWPSLLGDMLADAINCLGFTWASSPAC TELEMNVMDWLAKMLGLPEHFLHHHPSSQGGGVQLQSTVSESTLIALLAARKNKILEM KTSEPDADSCNARLVAYASDAQHSSVEKAGLISLVKMKFLPVDDNFSLRGEALQK AIEEDKQRGLVPVFVCATLGTTGVCAFDCLSELGPICAREGLWLHIDAAYAGTAFLCP EFRGFLKGIEYADSFTFNPSKWMMVHFDCTGFVWKDKYKLQQTFSVNPIYLRHANS GVATDFMHWQIPLSRRFRSVKLVFVIRSFVKNLQAHVRHGTEMAKYFESLVRNDP SFEIPAKRHLGLVVFRLKGPNCLETENVLKEIAKAGRLFLIPATIQDKLIIRFTVTSQFTTR DDILRDWNLIRDAATLILSQHCTSQPSPRVGNLISQIRGARAWACGTSLSQSVSGAGD

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DPVQARKIIKQPQRVGAGPMKRENGLHLETLLDPVDDCFSEEAPDATKHKLSSFLFS
YLSVQTKKKTVRSLSCNSVPVSAQKPLPTEASVKNGGSSRVRFSPEDMMMLKK
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](#)

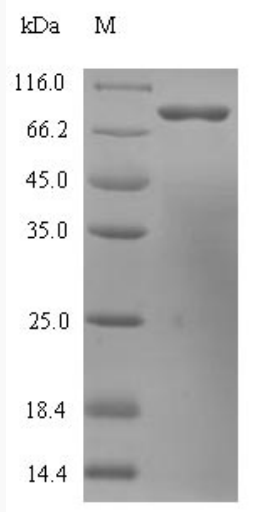
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UniProt ID

P19113



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

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