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 TELEMNVMDWLAKMLGLPEHFLHHHPSSQGGGVLQSTVSESTLIALLAARKNKILEM KTSEPDADESCLNARLVAYASDQAHSSVEKAGLISLVKMKFLPVDDNFSLRGEALQK AIEEDKQRGLVPVFVCATLGTTGVCAFDCLSELGPICAREGLWLHIDAAYAGTAFLCP EFRGFLKGIEYADSFTFNPSKWMMVHFDCTGFWVKDKYKLQQTFSVNPIYLRHANS GVATDFMHWQIPLSRRFRSVKLWFVIRSFGVKNLQAHVRHGTEMAKYFESLVRNDP SFEIPAKRHLGLVVFRLKGPNCLTENVLKEIAKAGRLFLIPATIQDKLIIRFTVTSQFTTR DDILRDWNLIRDAATLILSQHCTSQPSPRVGNLISQIRGARAWACGTSLQSVSGAGD

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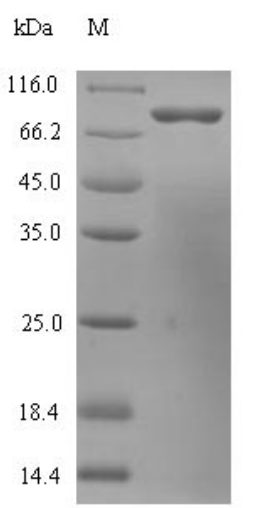
	DPVQARKIIKQPQRVGAGPMKRENGLHLETLLDPVDDCFSEEAPDATKHKLSSFLFS YLSVQTKKKTVRSLSCNSVPVSAQKPLPTEASVKNGGSSRVRIFSRFPEDMMMLKK SAFKKLIKFYSVPSFPECSSQCGLQLPCCPLQAMV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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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