

Datasheet for ABIN7562983  
**HDC Protein (AA 1-662) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HDC
Protein Characteristics:	AA 1-662
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDC protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Hdc Protein expressed in mammalian cells.
Sequence:	<p> MMEPCEYREY REYYRARGKE MVDYISQYLS TVRERQVTPN VQPGYLRAQL PASAPEEPDS  WDSIFGDIER VIMPGVVHWQ SPHMHAYYPA LSWPSLLGD MLADAINCLG FTWASSPACT  ELEMNIMDWL AKMLGLPEYF LHHHPSSRGG GVLQSTVSES TLIALLAARK NKILAMKACE  PDANESSLNA RLVAYTSDQA HSSVEKAGLI SLVKIRFLPV DDNFSLRGEA LQKAIEEDKQ  QGLVPVFCVCA TLGTTGVCAF DRLSELGPIC ASEGLWLHVD AAYAGTAFLC PELRGFLEGI  EYADSFTFNP SKWMMVHFDC TGFVWKDKYK LQQTFSVNPI YLRHANSGAA TDFMHWQIPL  SRRFRSILKW FVIRSGVKN LQAHVRHGTE MAKYFESLVR SDPSFEIPAK RHLGLVVFRL  KGPNCLETESV LKEIAKAGQL FLIPATIQDK LIIRFTVTSQ FTTKEDILRD WHLIQEAAANL  VLSQHCTSQP SPRAKNVIPP PPGTRGLSLE SVSEGGDDPA QARKIIKQPG ASLARREGGS  DLETMPDPFD DCFSEEAPNT TKHKLSSFLF SYLSVQNRRK TTRSLSCNSV PMSAQKSLPA  DASLKNNGGSF RARIFSGFPE QMMMMKKGAF KKLIKFYSVP SFPECSSQCA RQLPCCPLEA MV </p>

**Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary.**  
**In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	HDC
Alternative Name:	Hdc ( <a href="#">HDC Products</a> )
Background:	Histidine decarboxylase (HDC) (EC 4.1.1.22),FUNCTION: Catalyzes the biosynthesis of histamine from histidine. {ECO:0000250}.
Molecular Weight:	74.0 kDa
UniProt:	<a href="#">P23738</a>

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months