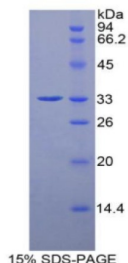


Rat Histidine Decarboxylase (HDC) Protein

Catalogue No.: abx067112



SDS-PAGE analysis of recombinant Rat HDC Protein.

This protein is the immunogen for the following antibodies: [abx102258](#)

Rat Histidine Decarboxylase (HDC) is a recombinant Rat protein produced in a Prokaryotic expression system (E. coli).

Target: Histidine Decarboxylase (HDC)

Origin: Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P16453 ([UniProt](#), [ExPASy](#))

Gene Symbol: HDC

Datasheet

Version: 2.0.0
Revision date: 24 Oct 2025



String: [10116.ENSARNOP00000041885](#)

Molecular Weight: Calculated MW: 32.9 kDa

Sequence Fragment: Leu365-Gly643

Sequence: LWFVIR SFGVKNLQAH VRHGTDMAKY FESLVRSDPV FEIPAERHLG LVVFRLKGPN CLTESVLKEI
AKTGQVFLIP ATIQDKLIIR FTVTSQFTTK DDILRDWNLI REAANLVLSQ HCTSQPSPRA
KNLIPPPVTR DSKDLTNGLS LESVNEGGDD PVQVRKIFRL PGDSLETTMD PFDDCFSEEA
SDTTKHKLSS FLFSYLSVQN KKKTMRLSLSC NSMPMSAQKS PPPDASVKHG GFFRARIFSG
FPEEMMMMKK GGFKKLIKFY SVPSFPECSS QCG

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only