

Datasheet for ABIN7547062
HDC Protein (AA 1-662) (His tag)



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Overview

Quantity:	1 mg
Target:	HDC
Protein Characteristics:	AA 1-662
Origin:	Human
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:	MMEPEEYRER GREMVDYICQ YLSTVRERRV TPDVQPGYLR AQLPESAPED PDSWDSIFGD IERIIMPGVV HWQSPHMHAY YPALTWPSSL LGDMLADAIN CLGFTWASSP ACTELEMNVM DWLAKMLGLP EHFLHHHPSS QGGGVQLQSTV SESTLIALLA ARKNKILEMK TSEPDADESC LNARLVAYAS DQAHSSVEKA GLISLVKMKF LPVDDNFSLR GEALQKAIEE DKQRGLVPVF VCATLGTTGV CAFDCLSELG PICAREGLWL HIDAAYAGTA FLCPEFRGFL KGIEYADSFT FNPSKWMVMH FDCTGFVWKD KYKLQQTFSV NPIYLRHANS GVATDFMHWQ IPLSRRFRSV KLWVIRSFG VKNLQAHVRH GTEMAKYFES LVRNDPSFEI PAKRHLGLVV FRLKGPNCIT ENVLKEIAKA GRLFLIPATI QDKLIIRFTV TSQFTTRDDI LRDWNLIRDA ATLILSQHCT SQPSPRVGNL ISQIRGARAW ACGTSLQSVS GAGDDPVQAR KIIKQPQRVG AGPMKRENGL HLETLLDPVD DCFSEEAPDA TKHKLSSFLF SYLSVQTKKK TVRSLSCNSV PVSAQKPLPT EASVKNNGSS RVRIFSRFPE DMMMLKKSFAF KKLIKFYSVP SFPECSSQCG LQLPCCPLQA MV

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:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). 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. If you are not interested in a full length protein, please contact us for individual protein fragments. 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.
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	HDC
Alternative Name:	HDC (HDC Products)
Background:	Histidine decarboxylase (HDC) (EC 4.1.1.22),FUNCTION: Catalyzes the biosynthesis of histamine from histidine. {ECO:0000269 PubMed:22767596}.
Molecular Weight:	74.1 kDa
UniProt:	P19113

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