

Recombinant Human HD domain containing 2, His-tagged

Cat. No. HDDC2-673H Lot. No. (See product label)

SPECIFICATION

Product Overview	HDDC2, 1-204aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-204 a.a.
Description	<p>HDDC2 (HD domain-containing protein 2), also known as hepatitis C virus NS5A-transactivated protein 2, is an enzyme that contains one HD domain and belongs to the HDDC2 family. It is predicted to exhibit phosphohydrolase activity. This protein is suggested to participate in nucleic acid metabolism, signal transduction and possibly other functions in bacteria, archaea and eukaryotes. The HD domain consists of highly conserved residues, specifically histidines or aspartates. Porphyria cutanea tarda, Parkinson's disease and Stickler syndrome have all been associated with this protein. Recombinant human HDDC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.</p>
Form	Liquid. Phosphate Buffered Saline (pH7.4) containing 10% glycerol
Molecular Mass	25.8 kDa(227aa) confirmed by MALDI-TOF
AA Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMASVSSA TFSGHGARSL LQFLRLVGQL KRVPRTGWVY RNVQRPESVS DHMYRMAVMA MVIKDDRLNK DRCVRLALVH DMAECIVGDI APADNIPKEE KHRREEEAMK QITQLLPEDL RKELYELWEE</p>

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YETQSSAEAK FVKQLDQCEM ILQASEYEDL EHKPGRLQDF YDSTAGKFNH
PEIVQLVSEL EAERSTNIAA AASEPHS

Purity >95% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [HDDC2 HD domain containing 2 \[Homo sapiens \]](#)

Official Symbol HDDC2

Synonyms C6orf74; CGI-130; NS5ATP2; dJ167O5.2

Gene ID [51020](#)

mRNA Refseq [NM_016063.2](#)

Protein Refseq [NP_057147.2](#)

UniProt ID [Q7Z4H3](#)

Chromosome Location 6q13-q24.3

Function metal ion binding;phosphoric diester hydrolase activity;

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