

HDDC2, 1-204aa Human, His tag, E.coli

Cat.NO.: TP02423

3th Edition

Synonyms:HD domain-containing protein 2, C6orf74, CGI-130, dJ167O5.2, NS5ATP2

Description: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.

Form:Liquid. Phosphate Buffered Saline (pH7.4) containing 10% glycerol,

Molecular Weight:25.8 kDa(227aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMASVSSATFSGHGARSLLQFLRLVGQLKRVPRGTGWVYRNVQRPESVSDHM
YRMAVMAMVIKDDRLNKDRCVRLALVHDMAECIVGDIAPADNIPKEEKHREEEAMKQITQLLPEDLRKELYELWEE
YETQSSAEAKFVKQLDQCEMILQASEYEDLEHKPGRLQDFYDSTAGKFNHPEIVQLVSELEAERSTNIAAAASEPHS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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