

Recombinant Human Haloacid Dehalogenase-like Hydrolase Domain Containing 1, His-tagged

Cat. No. HDHD1-806H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HDHD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography, 27.4 kDa (248aa).
Species	Human
Source	E.coli
Description	HDHD1, also known as haloacid dehalogenase-like hydrolase domain-containing protein 1, belong to the adiponutrin family. This protein is of interest because it is an X-linked gene that escapes X-inactivation. It is particularly important in the Understanding of human X chromosome structural organization as well as the Mechanism of X-inactivation.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAAPPQPVTH LIFDMDGLLL DTERLYSVVF QEICNRYDKK YSWDVKSLVM GKKALEAAQI IIDVLQLPMS KEELVEESQT KLKEVFPTAA LMPGAEKLI HLRKHGIPFA LATSSGSASF DMKTSRHKEF FSLFSHIVLG DDPEVQHGGP DPDIFLACAK RFSPPPAMEK CLVFEDAPNG VEAALAAGMQ VVMVPDGNLS RDLTTKATLV LNSLQDFQPE LFGLPSYE
Formulation	Liquid. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 0.1M NaCl, 20% glycerol
Purity	> 95% by SDS - PAGE
Concentration	1.0 mg/ml (determined by Bradford assay)

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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.

GENE INFORMATION
Gene Name

HDHD1 haloacid dehalogenase-like hydrolase domain containing 1 [Homo sapiens]

Synonyms

HDHD1; haloacid dehalogenase-like hydrolase domain containing1; GS1; HDHD1A; DXF68S1E; FAM16AX; Haloacid dehalogenase-like hydrolase domain-containing protein 1A; Protein GS1

Gene ID

8226

mRNA Refseq

NM_001135565

Protein Refseq

NP_001129037

MIM

306480

UniProt ID

Q08623

**Chromosome
Location**

Xp22.32

Function

hydrolase activity; molecular function

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