

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

Cat. No. HDHD1-1700H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HDHD1A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	Human
Description	HDHD1A, also known as haloacid dehalogenase-like hydrolase domain-containing protein 1A, belongs 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.
Concentration	1 mg/ml
Form	Supplied as a liquid in 20mM Tris-HCl buffer, pH 8.0, containing 20% glycerol, 0.1M NaCl and 1mM DTT.
Purity	> 95% by SDS - PAGE
Sequence	1-228 amino acids: MGSSHHHHHH SSGLVPRGSH MAAPPQPVTH LIFDMDGLLL DTERLYSVVF QEICNRYDKK YSWDVKSLVM GKKALEAAQI IIDVLQLPMS KEELVEESQT KLKEVFPTAA LMPGAEKLI HLRKHGIPFA LATSSGSASF DMKTSRHKF FSLFSHIVLG DDPEVQHGKP DPDIFLACAK RFSPPPAMEK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CLVFEDAPNG VEAALAAGMQ VVMVP

Molecular Mass 27.4 kDa (248aa) confirmed by MALDI-TOF

Applications SDS-PAGE

Storage Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or -70 deg C for long term storage. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name [HDHD1 haloacid dehalogenase-like hydrolase domain containing 1 \[Homo sapiens \]](#)

Official Symbol HDHD1

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

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Function	hydrolase activity; molecular function
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