

Recombinant Human HDHD1, His-tagged

Cat. No. HDHD1-29208TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HDHD1A with N terminal His tag; 248 amino acids with tag, predicted MWt 27.4 kDa.
Species	Human
Source	E.coli
ProteinLength	228 amino acids
Description	This gene encodes a member of the haloacid dehalogenase-like (HAD) hydrolase superfamily. The encoded protein has no known biological function. This gene has a pseudogene on chromosome 1. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.
Conjugation	HIS
Molecular Weight	27.400kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMAAPPQPVTHLIFDMDGLLLDTERLYSVVFQEICNR YDKKYSWDVKSLVMGKKALEAAQIIIDVLQLPMSKEELVEESQTKLKEVFPTAALMP GAEKLIHRLRKHGIPFALATSSGSASFDMKTSRHKEFFSLFSHIVLGDDPEVQHKGPD PDIFLACAKRFSPPPAMEKCLVFEDAPNGVEAALAAGMQVVMVPDGNLSRDLTTKA TLVLNSLQDFQPELFGLPSE
Sequence Similarities	Belongs to the HAD-like hydrolase superfamily. CbbY/CbbZ/Gph/YieH family.
GENE INFORMATION	
Gene Name	HDHD1 haloacid dehalogenase-like hydrolase domain containing 1 [Homo sapiens]
Official Symbol	HDHD1
Synonyms	HDHD1; haloacid dehalogenase-like hydrolase domain containing 1; FAM16AX, family with sequence similarity 16, member A, X linked , haloacid dehalogenase like hydrolase domain containing 1A , HDHD1A; pseudouridine-5-monophosphatase; DXF68S1E; GS1;
Gene ID	8226
mRNA Refseq	NM_001178135
Protein Refseq	NP_001171606
MIM	306480

Uniprot ID	Q08623
Chromosome Location	Xp22.32
Function	hydrolase activity; metal ion binding; molecular_function; phosphatase activity;

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