

Recombinant Human Haloacid Dehalogenase-Like Hydrolase Domain Containing 2, His-tagged

Cat. No. HDHD2-1701H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HDHD2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	Haloacid dehalogenase-like hydrolase domain containing 2, also known HDHD2, belongs to the HAD-like hydrolase superfamily. This family of hydrolase enzymes includes L-2-haloacid dehalogenase, epoxide hydrolases and phosphatases. HDHD2 has two active sites, an L-2-haloacid dehalogenase and a carboxylate group. The L-2-haloacid dehalogenase active site catalyzes the hydrolytic dehalogenation of D- and L-2-haloalkanoic acids, producing L- and D-2-hydroxyalkanoic acids.
Concentration	1 mg/ml
Form	Supplied as a liquid in 20mM Tris-HCl buffer, pH 8.0, containing 1mM DTT, 10% glycerol and 0.1M NaCl.
Purity	> 95% by SDS - PAGE
Sequence	1-259 amino acids: MGSSHHHHHH SSGLVPRGSH MAACRALKAV LVDLSGTLHI EDAAVPGAQE ALKRLRGASV IIRFVTNTTK ESKQDLLERL RKLEFDISED EIFTSLTAAR SLLERKQVRP MLLVDDRALP DFKGIQTSDP NAVVMGLAPE

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HFHYQILNQA FRLLLDGAPL IAIHKARYYK RKDGLALGPG PFVTALEYAT
DTKATVVGKP EKTFLEALR GTGC

Molecular Mass 30.6 kDa (279aa), 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 HDHD2 haloacid dehalogenase-like hydrolase domain containing 2 [Homo sapiens]

Official Symbol HDHD2

Synonyms haloacid dehalogenase-like hydrolase domain containing 2; 3110052N05Rik; DKFZp564D1378; HDHD2; haloacid dehalogenase-like hydrolase domain-containing protein 2; DKFZP564D1378

Gene ID [84064](#)

mRNA Refseq [NM_032124](#)

Protein Refseq [NP_115500](#)

UniProt ID Q9H0R4

Chromosome Location 18q21.1

Function hydrolase activity

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