

Recombinant Human HDHD2, His-tagged

Cat. No. HDHD2-934H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HDHD2 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 30.6 kDa (279aa).
Species	Human
Source	<i>E.coli</i>
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl.
Purity	> 95% by SDS - PAGE.
Concentration	1mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MAACRALKAV LVDLSGTLHI EDAAVPGAQE ALK RLRGASV IIRFVTNTTK ESKQDLLERL RKLEFDISEDEIFTSLTAAR SLLERKQVRP MLLV DDRALP DFKGIQTSDP NAVVMGLAPE HFHYQILNQA FRLLLDGAPL IAIH

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KARYYK RKDGLALGPG PFVTALEYAT DTKATVVGKP EKTFLEALR GTG CEPE
EAV MIGDDCRDDV GGAQDVGMLG ILVKTGKYRA SDEEKINPPP YLTC ESFP
HAVD HILQHLL.

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

HDHD2 haloacid dehalogenase-like hydrolase domain containing 2 [Homo sapiens]

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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