Recombinant Human HDHD3, His-tagged

Cat. No. HDHD3-961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HDHD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	HDHD3, also known as haloacid dehalogenase-like hydrolase domain-containing protein 3, belongs to the HAD-like hydrolase superfamily. This family of hydrolase enzymes includes L-2-haloacid dehalogenase, epoxide hydrolases and phosphatases.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol.
Molecular Weight	32.2 kDa (287aa) confirmed by MALDI-TOF.
Purity	> 95% by SDS - PAGE.
Concentration	1.0 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAHR LQIRLLTWDV KDT LLRLRHP LGEAYATKAR AHGLEVEPSA LEQGFRQAYRAQSHSFPNYG LSH GLT SRQW WLDVVLQTFH LAGVQDAQAV APIAEQLYKD FSHPCTWQVL DGA EDT LREC RTRGLRLAVI SNFDRRLEGILEGLGLREHF DFVLTSEAAG WPKPDPRIFQ EAL RLAHMEP VVAAHVGDNY LCDYQGPRAV GMHSFLVVGP

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	QALDPVVRDS VPK EH ILPSLAHLLPALDCL EGSTPGL.
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	HDHD3 haloacid dehalogenase-like hydrolase domain containing 3 [Homo sapiens]
Synonyms	haloacid dehalogenase-like hydrolase domain containing 3; C9orf158; MGC12904; 2810435D12Rik; HDHD3;haloacid dehalogenase-like hydrolase domain-containing protein 3;chromosome 9 open reading frame 158
Gene ID	81932
mRNA Refseq	NM_031219
Protein Refseq	NP_112496
UniProt ID	Q9BSH5
Chromosome Location	9q32
Function	hydrolase activity; phosphoglycolate phosphatase activity; protein binding

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