Datasheet for ABIN7318559

HDHD2 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	HDHD2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDHD2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HDHD2 Protein (His Tag)
Sequence:	Met 1-Leu259
Characteristics:	Recombinant Human Haloacid Dehalogenase-Like Hydrolase Domain-Containing Protein 2 is produced by our E.coli expression system and the target gene encoding Met1-Leu259 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HDHD2
Alternative Name:	HDHD2 (HDHD2 Products)
Background:	Background: Haloacid Dehalogenase-Like Hydrolase Domain-Containing Protein 22 (HDHD2) is a member of the HAD-like hydrolase superfamily. HDHD2 includes L-2-Haloacid Dehalogenase,

Target Details

	Epoxide Hydrolases and Phosphatases. There are two active sites in HDHD2 - 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. Synonym: Haloacid Dehalogenase-Like Hydrolase Domain-Containing Protein 2, HDHD2
Molecular Weight:	30.7 kDa
UniProt:	Q9H0R4

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 50 mM NaCl, pH 8.0.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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