

## Product datasheet for **AR09758PU-L**

### HDHD2 (1-259, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HDHD2 (1-259, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MAACRALKAV LVDLSGTLHI EDAAVPGAQE ALKRLRGASV IIRFVTNTTK ESKQDLLERL RKLEFDISED EIFTSLTAAR SLLERKQVRP MLLVDDRALP DFKGIQTSDP NAWMGLAPE HFHYQILNQA FRLLLDGAPL IAIHKARYYK RKDGLALGPG PFVTALEYAT DTKATVVGKP EKTFLEALR GTGCEPEEAV MIGDDCRDDV GGAQDVGMLG ILVKTGKYRA SDEEKINPPP YLTCEFPHA VDHLQHLL
Tag:	His-tag
Predicted MW:	30.6 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Protein Description:	Recombinant human HDHD2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001305694</u>
Locus ID:	84064
UniProt ID:	<u>Q9H0R4</u>
Cytogenetics:	18q21.1
Synonyms:	3110052N05Rik; HEL-S-301



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**Summary:**

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.

**Product images:**