

**Product Name: Recombinant Human HDHD2 (N-6His)**  
**Catalog #: PEH0777**

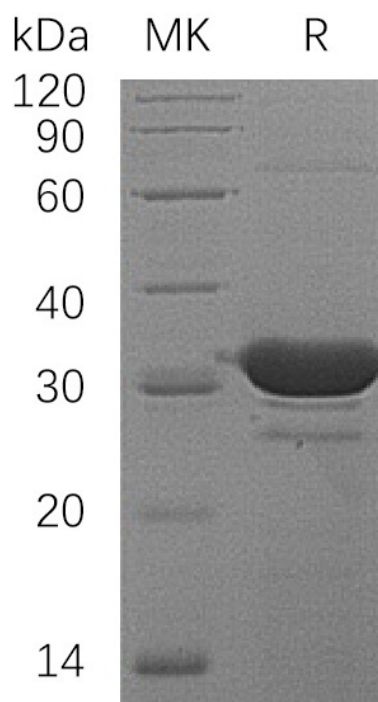


## Summary

<b>Name</b>	HDHD2
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	Q9H0R4
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	30.7 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 50mM NaCl, pH 8.0.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### **Alternative Names**

Haloacid Dehalogenase-Like Hydrolase Domain-Containing Protein 2; HDHD2

### **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, 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.

### **Note**

For Research Use Only , Not for Diagnostic Use.