

Haloacid Dehalogenase-Like Hydrolase Domain Containing 2 Human

Item Number	rAP-1174
Synonyms	Haloacid Dehalogenase-like Hydrolase Domain Containing 2, DKFZP564D1378, 3110052N05Rik, DKFZp564D1378.
Description	HDHD2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 279 amino acids (1-259a.a.) and having a molecular mass of 30.6kDa. HDHD2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9H0R4
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAACRALKAV LVDLSGTLHI EDAAVPGAQE ALKRLRGAVS IIRFVTNTTK ESKQDLLERL RKLEFDISED EIFTSLTAAR SLLERKQVRP MLLVDDRALP DFKGIQTSDP NAVVMGLAPE HFHYQILNQA FRLLLLDGAPL IAIHKARRYK RKDGGLALGPG PFVTALEYAT DTKATVVGKP EKTFLEALR GTGCEPEEAV MIGDDCRDDV GGAQDVGMLG ILVKTGKYRA SDEEKINPPP YLTCESFPHA VDHILQHLL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The HDHD2 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT, and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**