

Haloacid Dehalogenase-Like Hydrolase Domain Containing 1 Human

Item Number	rAP-1172
Synonyms	Pseudouridine-5'-monophosphatase, 5'-PsiMPase, Haloacid dehalogenase-like hydrolase domain-containing protein 1, Haloacid dehalogenase-like hydrolase domain-containing protein 1A, Protein GS1, HDHD1, DXF68S1E, FAM16AX, GS1, HDHD1A.
Description	HDHD1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 248 amino acids (1-228 a.a.) and having a molecular mass of 27.4kDa. The HDHD1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q08623
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAAPPQPVTH LIFDMDGLLL DTERLYSVVF QEICNRYDKK YSWDVKSLVM GKKALEAAQI IIDVLQLPMS KEELVEESQT KLKEVFPTAA LMPGAEKLIH HLRKHGIPFA LATSSGSASF DMKTSRHKEF FSLFSHIVLG DDPEVQHGGK DPDIFLACAK RFSPPPAMEK CLVFE- DAPNG VEAALAAGMQ VVMVPDGNLS RDLTTKATLV LNSLQDFQPE LFGLPSYE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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 HDHD1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% 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**