
Product Data Sheet

Product Name: HDHD1 Human
 Cat. No.: GP21784
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAAPPQPVTH LIFDMDGLLL DTERLYSVVF QEICNRYDKK YSWDVKSLVM GKKALEAAQI IIDVLQLPMS KEELVEESQT KLKEVFPTAA LMPGAEKLI HLRKHGIPFA LATSSGSASF DMKTSRHKEF FSLFSHIVLG DDPEVQHGKP DPDIFLACAK RFSPPPAMEK CLVFEDAPNG VEAALAAGMQ VVMVPDGNLS RDLTTKATLV LNSLQDFQPE LFGLPSYE.		
Formulation	The HDHD1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

Haloacid dehalogenase-like hydrolase domain-containing protein 1A (HDHD1A) is a member of the adipo-nutrin family. HDHD1A is interesting because it is an X-linked gene that escapes X-inactivation. HDHD1A is particularly important in the perception of human X chromosome structural organization as well as the mechanism of X-inactivation.

Stability

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.

Background

HDHD1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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