

HDHD1 Human

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.

Catalog #:ENPS-035

For research use only.

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.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered colorless solution.

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 LN

Purity:Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The HDHD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Haloacid dehalogenase-like hydrolase domain-containing protein 1A (HDHD1A) is a member of the adiponutrin 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.

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