Recombinant human HDHD1A/PUDP protein

Catalog Number: ATGP0797

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-228aa

UniProt No.
Q08623

NCBI Accession No.
NP_036212

Alternative Names
Haloacid dehalogenase-like hydrolase domain-containing protein 1A, DXF68S1E, FAM16AX, GS1, pseudouridine 5'-phosphatase, HDHD1, Haloacid dehalogenase-like hydrolase domain-containing protein 1, Pseudouridine-5'-monophosphatase, 5'-PsiMPase

PRODUCT SPECIFICATION

Molecular Weight
27.4 kDa (248aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
HDHD1A, also known as haloacid dehalogenase-like hydrolase domain-containing protein 1A, belongs to the adiponutrin family. This protein is of interest because it is an X-linked gene that escapes X-inactivation. It is particularly important in the understanding of human X chromosome structural organization as well as the mechanism of X-inactivation. Recombinant human HDHD1A protein, fused to His-tag at N-terminus, was

expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

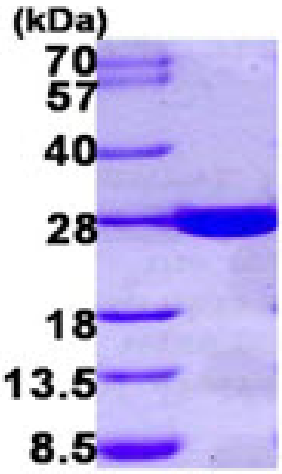
MGSSHHHHHH SSGLVPRGSH MAAPPQPVTH LIFDMDGLLL DTERLYSVVF QEICNRYDKK YSWDVKSLVM GKKALEAAQI IIDVLQLPMS KEELVEESQT KLKEVFPTAA LMPGAEKLII HLRKHGIPFA LATSSGSASF DMKTSRHKEF FSLFSHIVLG DDPEVQHGKP DPDIFLACAK RFSPPPAMEK CLVFEDAPNG VEAALAAGMQ VVMVPDGNLS RDLTTKATLV LNSLQDFQPE LFGLPSYE

General References

Salido E.C., et al. (1992), Am. J. Hum. Genet., 50: 303-316.
Soehnge H., et al. (1997). Gene., 185: 257-263

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.