

**HDHD1A, 1-228aa, Human, His tag, E.coli**

**Cat.NO.: TP02428**

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3th Edition

**Synonyms:**Haloacid dehalogenase-like hydrolase domain-containing protein 1A, DXF68S1E, FAM16AX, GS1

**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.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAAPPQPVTHLIFDMDGLLLDTERLYSVVFQEICNRYDKKYSWDVKSLVMGKKAL  
EAAQIIIDVLQLPMSKEELVEESQTKLKEVFPTAALMPGAEKLIHLRKHGIPFALATSSGSASFDMKTSRHKEFFSLFS  
HIVLGDDPEVQHKGKPDPIFLACAKRFSPPPAMEKCLVFEDAPNGVEAALAAGMQVVMVPDGNLSRDLTTKATLVL  
NSLQDFQPELFGLPSE

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.