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Recombinant human HDHD3 protein

Catalog Number: ATGP0943

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-251aa

UniProt No.

O9BSH5

NCBI Accession No.

NP 112496

Alternative Names

MGC12904, Haloacid dehalogenase-like hydrolase domain-containing protein 3, Chromosome 9 open reading frame 158, C9orf158

PRODUCT SPECIFICATION

Molecular Weight

32.2 kDa (287aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

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

HDHD3, also known as haloacid dehalogenase-like hydrolase domain-containing protein 3, belongs to the HAD-like hydrolase superfamily. This family of hydrolase enzymes includes L-2-haloacid dehalogenase, epoxide hydrolases and phosphatases. Recombinant human HDHD3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



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Amino acid Sequence

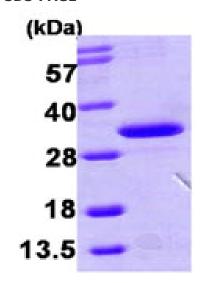
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAHR LQIRLLTWDV KDTLLRLRHP LGEAYATKAR AHGLEVEPSA LEQGFRQAYR AQSHSFPNYG LSHGLTSRQW WLDVVLQTFH LAGVQDAQAV APIAEQLYKD FSHPCTWQVL DGAEDTLREC RTRGLRLAVI SNFDRRLEGI LEGLGLREHF DFVLTSEAAG WPKPDPRIFQ EALRLAHMEP VVAAHVGDNY LCDYQGPRAV GMHSFLVVGP QALDPVVRDS VPKEHILPSL AHLLPALDCL EGSTPGL

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.

