

Recombinant human HDHD3 protein

Catalog Number: ATGP0943

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-251aa

UniProt No.

Q9BSH5

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

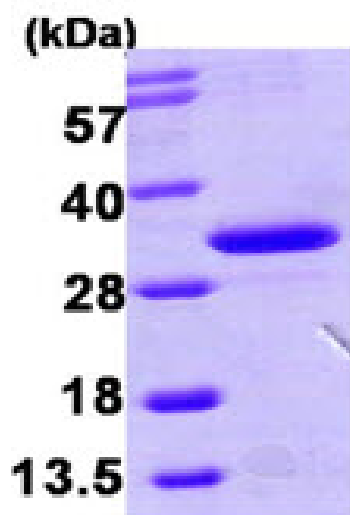
MRGSHHHHHH GMASMTGGGQ MGRDLYDDDD KDRWGSMHR LQIRLLTWDV KDTLLRLRHP LGEAYATKAR
AHGLEVEPSA LEQGFQAYR AQSHSFPNYG LSHGLTSRQW WLDVVLQTFH LAGVQDAQAV APIAEQLYKD FSHPCTWQVL
DGAEDTLREC RTRGLRLAVI SNFDRRLEGI LEGLGLREHF DFVLTSEAAG WPKPDPRIFQ EALRLAHMEP VAAHVGDNY
LCDYQGPRAV GMHSFLVVG P QALDPVVRDS VPKEHILPSL AHLLPALDCL 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



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

15% SDS-PAGE (3ug)