

Recombinant human PTRHD1 protein

Catalog Number: ATGP2818

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-140aa

UniProt No.

Q6GMV3

NCBI Accession No.

NP_001013685

Alternative Names

Putative peptidyl-tRNA hydrolase PTRHD1, C2orf79

PRODUCT SPECIFICATION

Molecular Weight

18.2 kDa (163aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol, 1mM DTT

Purity

> 85% 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

Putative peptidyl-tRNA hydrolase PTRHD1, also known as PTRHD1, is a 140 amino acid protein that is encoded by a gene located on human chromosome 2p23. 3. The second largest human chromosome, chromosome 2 consists of 237 million bases, encodes over 1, 400 genes and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Recombinant human PTRHD1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMHRGVGP AFRVVRKMAA SGAEPQVLVQ YLVLRKDLSQ APFSWPAGAL
VAQACHAATA ALHTRDHPH TAAYLQELGR MRKVVLEAPD ETTLKELAET LQQKNIDHML WLEQPENIAT CIALRPYPKE
EVGQYLKKFR LFK

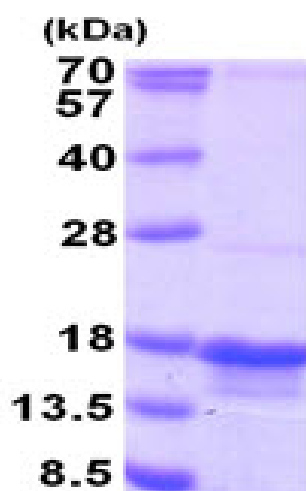
General References

Ijdo J W., et al. (1991) Proc Natl Acad Sci. 88: 9051-9055.

Avarello R., et al. (1992) Hum Genet. 89: 247-249.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)