

AR51638PU-S**Human PTRHD1 (1-140, His-tag) - Purified****Alternate names:**

C2orf79, Putative peptidyl-tRNA hydrolase PTRHD1

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[Q6GMV3](#)**NCBI:**[NP_001013685](#)**GeneID:**[391356](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >85% by SDS - PAGE**Buffer System:** Phosphate buffer saline (pH 7.4) containing 30% glycerol, 1mM DTT.**Description:**

Recombinant human PTRHD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MGSMDRGVGP AFRVVRKMAA SGAEPQVLVQ YLVLRKDLSQ
APFSWPAGAL VAQACHAATA ALHTRDHPH TAAYLQELGR MRKVLEAPD ETTLKELAET
LQQKNIDHML WLEQPENIAT CIALRPYPKE EVGQYLKKFR LFK

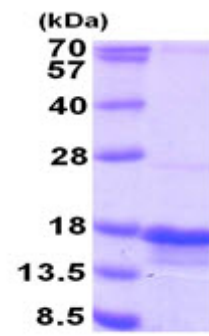
Molecular weight: 18.2 kDa (163aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Ijdo J W., et al. (1991) Proc Natl Acad Sci. 88: 9051-9055. Avarello R., et al. (1992) Hum Genet. 89: 247-249.

Pictures:



15% SDS-PAGE (3ug)