

PTRHD1, 1-140aa, Human, His tag, E.coli

Cat.NO.: TP03602

3th Edition

Synonyms:Putative peptidyl-tRNA hydrolase PTRHD1, C2orf79

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.

Form:Liquid. In Phosphate buffer saline (pH 7.4) containing 30% glycerol, 1mM DTT

Molecular Weight:18.2 kDa (163aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMHRGVGPAFRVVRKMAASGAEPQVLVQYLVLVRKDLSQAPFSWPAGALVAQ
ACHAATAALHTRDHPHTAAYLQELGRMRKVVLEAPDETTLKELAETLQQKNIDHMLWLEQPENIATCIALRPYPKE
EVGQYLKKFRLF

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.