
Product Data Sheet

Product Name: PTRHD1 Human

Cat. No.: GP22206

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C2orf79; Putative peptidyl-tRNA hydrolase PTRHD1; Peptidyl-tRNAhydrolase domain-containing protein 1; PTRHD1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMHRGVGP AFRVVRKMAA SGAEPQVLVQ YLVLKDLDSQ APFSWPAGALVAQACHAATA ALHTRDHPH TAAYLQELGR MRKVLEAPD ETTLKELAET LQQKNIDHML WLEQPENIATCIALRPYPKE EVGQYLKKFR LFK.		
Formulation	PTRHD1 protein solution (1mg/ml) containing Phosphate buffer saline (pH 7.4), 30% glycerol and 1mM DTT.		

Introduction

Putative peptidyl-tRNA hydrolase PTRHD1 (PTRHD1) is a 140 amino acid protein, which is encoded by a gene located on human chromosome 2p23.3. Chromosome 2 is the second largest human chromosome; it consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome. Several genetic diseases are linked to genes on chromosome 2.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

PTRHD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 163 amino acids (1-140 a.a) and having a molecular mass of 18.2kDa. PTRHD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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