

Datasheet for ABIN7557310  
**PPM1H Protein (AA 1-513) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PPM1H
Protein Characteristics:	AA 1-513
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPM1H protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Ppm1h Protein expressed in mammalian cells.
Sequence:	<p>MLTRVKSAVA NFMGGIMAGS SGSEHGGSGC GGSDLPLRFP YGRPEFLGLS QDEVECSADH</p> <p>IARPILILKE TRRLPWATGY AEVINAGKST HNEDQASCEV LTVKKKAGTI TSTPNRNSKR</p> <p>RSSLPNGEGL QLKENSESEG ISCHYWSLFD GHAGSGAAVV ASRLLQHHIT QQLQDIVEIL</p> <p>KNSAILPPTC LGEEPESTPA HGRTLTRAAS LRGGVGAPGS PSTPPTTRFFT EKKIPHECLV</p> <p>IGALESFAKE MDLQIERERS AYNISGGCTA LIVVCLLGKL YVANAGDSRA IIRNGEIIP</p> <p>MSSEFTPETE RQRLQYLAFM QPHLLGNEFT HLEFPRRVQR KELGKKMLYR DFNMTGWAYK</p> <p>TIEDDDLKFP LIYGEGKKAR VMATIGVTRG LGDHDLVKVD SNIYIKPFLS SAPEVRVYDL</p> <p>SRYEHGADDV LILATDGLWD VLSNEEVAEA ITQFLPNCDP DDPHRYTLAA QDLVMRARGV</p> <p>LKDRGWRISN DRLGSGDDIS VYVIPLIHGN KLS <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p>

## Product Details

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	PPM1H
Alternative Name:	Ppm1h ( <a href="#">PPM1H Products</a> )
Background:	Protein phosphatase 1H (EC 3.1.3.16),FUNCTION: Dephosphorylates CDKN1B at 'Thr-187', thus removing a signal for proteasomal degradation. {ECO:0000250 UniProtKB:Q9ULR3}.
Molecular Weight:	56.4 kDa
UniProt:	<a href="#">Q3UYC0</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months