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## Datasheet for ABIN7319161 UPP1 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	UPP1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UPP1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human UPP1 Protein (His Tag)
Sequence:	Met 1-Ala173
Characteristics:	Recombinant Human Uridine Phosphorylase 1 is produced by our E.coli expression system and the target gene encoding Met1-Ala173 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	UPP1
Alternative Name:	UPP1 ( <a href="#">UPP1 Products</a> )
Background:	Background: Uridinephosphorylase 1 (UPP1) is a member of the family of pentosyltransferase. UPP1 catalyses the reversible phosphorolysis of uridine to uracil. The expression levels and the enzymatic activity of UPP1 are higher in human solid tumors than in adjacent normal tissues.

## Target Details

The high level of UPP1 expression in some tumors makes it a potential prognostic factor for some cancers, such as oral squamous cell carcinoma. UPP1 is important for the homeostatic regulation of intracellular and plasma uridine concentrations. UPP1 plays an important role in the pyrimidine salvage pathway through its catalysis of the reversible phosphorylation of uridine to uracil.

Synonym: UPP1 Protein, Uridine Phosphorylase 1, UPP1

Molecular Weight:	21.3 kDa
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UniProt:	<a href="#">Q86Y75</a>
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Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM Tris, 200 mM NaCl, 1 mM DTT, pH 8.0.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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