

## Datasheet for ABIN1098482 **C2orf60 Protein (His tag)**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	C2orf60
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This C2orf60 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Purification:	purified by chromatography
Purity:	> 95 % by SDS - PAGE

#### Target Details

Target:	C2orf60
Alternative Name:	TYW5 ( <a href="#">C2orf60 Products</a> )

**Background:** TRNA wybutosine-synthesizing protein 5, also known as TYW5, acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA. TYW5 catalyzes the hydroxylation of 7-(a-amino-a-carboxypropyl)wyosine (yW-72) into undermodified hydroxywybutosine (OHyW). OHyW is a derivative of wybutosine found in higher eukaryotes. Recombinant human TYW5 protein, fused to His-tag at N-terminus, was expressed in E.coli and

## Target Details

purified by using conventional chromatography techniques.

Molecular Weight: 38.9kDa (338aa), confirmed by MALDI-TOF

NCBI Accession: [NP\\_001034782](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

Comment: Synonyms: tRNA wybutosine-synthesizing protein 5, C2orf60, Htyw5

Restrictions: For Research Use only

## Handling

Format: Liquid

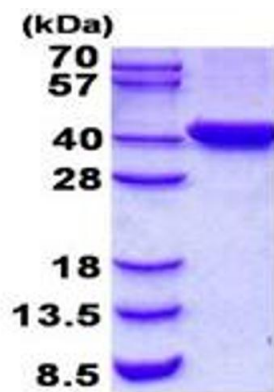
Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 10% glycerol, 1 MM DTT

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

## Images



15% SDS-PAGE (3ug)

Image 1.