

Datasheet for ABIN667140  
**UGDH Protein (AA 1-494) (His tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	50 µg
Target:	UGDH
Protein Characteristics:	AA 1-494
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UGDH protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	UGDH, 1-494aa, Human, His tag, E.coli
Purity:	> 95 % by SDS-PAGE

## Target Details

Target:	UGDH
Alternative Name:	UGDH ( <a href="#">UGDH Products</a> )
Background:	UGDH is a member of the UDP-glucose/GDP-mannose dehydrogenase family and is a ubiquitously expressed protein most abundant in the liver. This protein converts UDP-glucose to UDP-glucuronate and thereby participates in the biosynthesis of glycosaminoglycans such as hyaluronan, chondroitin sulfate, and heparan sulfate. These glycosylated compounds are common components of the extracellular matrix and likely play roles in signal transduction, cell

Target Details

	migration, and cancer growth and metastasis. Recombinant human UGDH protein, fused to his-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: GDH, UDP-GlcDH, UDPGDH, UGD, UDP-glucose dehydrogenase, UDP-glucose 6-dehydrogenase. NCBI no.: NP_003350
Molecular Weight:	59.5 kDa (533aa) confirmed by MALDI-TOF
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

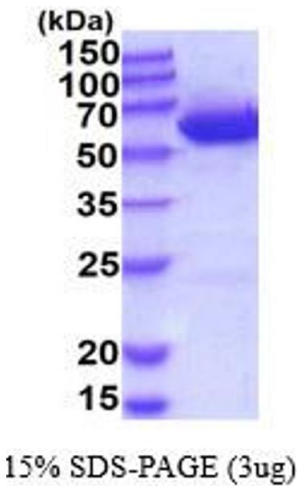
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol, 1mM DTT, 0.1M NaCl, and 1mM EDTA.
Storage:	4 °C

Images



**SDS-PAGE**

Image 1.