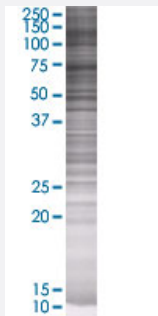


# GLCE 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00026035-T01

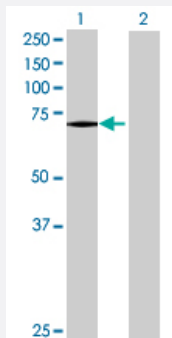
Size 100 uL

## Applications



### SDS-PAGE Gel

GLCE transfected lysate.



### Western Blot

Lane 1: GLCE transfected lysate ( 67.98 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-GLCE full-length
Host	Human
Theoretical MW (kDa)	67.98
Interspecies Antigen Sequence	Mouse (95); Rat (95)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GLCE antibody ([H00026035-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 GLCE transfected lysate.  
 Western Blot  
 Lane 1: GLCE transfected lysate ( 67.98 KDa)  
 Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — GLCE

### Entrez GeneID

[26035](#)

### GeneBank Accession#

[NM\\_015554.1](#)

### Protein Accession#

[NP\\_056369.1](#)

### Gene Name

GLCE

### Gene Alias

HSEPI, KIAA0836

### Gene Description

glucuronic acid epimerase

### Gene Ontology

[Hyperlink](#)

### Gene Summary

Heparan sulfate (HS) is a negatively charged cell surface polysaccharide required for the biologic activities of circulating extracellular ligands. GLCE is responsible for epimerization of D-glucuronic acid (GlcA) to L-iduronic acid (IdoA) of HS, which endows the nascent polysaccharide chain with the ability to bind growth factors and cytokines (Ghiselli and Agrawal, 2005 [PubMed 15853773]).[supplied by OMIM]

### Other Designations

D-glucuronyl C5-epimerase|UDP-glucuronic acid epimerase|glucuronyl C5-epimerase|heparan sulfate epimerase|heparin/heparan sulfate-glucuronic acid C5-epimerase

## Pathway

- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)

## Disease

- [Tobacco Use Disorder](#)