

# Recombinant Full Length Bovine D-Glucuronyl C5-Epimerase(Glce) Protein, His-Tagged

Cat. No. RFL25593BF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Bovine D-glucuronyl C5-epimerase(GLCE) Protein (O18756) (1-617aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Bovine

### Source

E.coli

### ProteinLength

Full Length (1-617)

### Form

Lyophilized powder

### AA Sequence

MRCLAARVNYKTLIIICALFTLVTVLLWNKCSSDKAIQVPRHLSSGFRVDALEKKAAS  
 ESNNYVNHMAKQSEEAFFPQEQKAPPVVGGFNNNGGGRVLGLKYEEIDCLINDEH  
 TIKGRREGNEVFLPFTWVEKYFDVYGKVVQYDGYDRFEFSHSYSKVYAQRAPYHPD  
 GVFMSFEGYNVEVRDRVKCISGVEGVPLSTQWGPQGYFYPIQIAQYGLSHYSKNLT  
 EKPPHIEVYETAEDRDKNKSPNDWTVPKGCFMASVADKSRFTNVKQFIAPETSEGV  
 SLQLGNTKDFIISFDLKFLTNGSVSVVLETTEKNQLFTVHYVSNTQLIAFKERDIYYGIG  
 PRTSWSTVTRDLVTDLRKGVLSNTKAVKPTRIMPKKVVRLIAKGGKGLDNITISTTA  
 HMAAFFAASDWLVRNQDEKGGWPIMVTRKLGEGFKSLEPGWYSAMAQQQAISTLV  
 RAYLLTKDHIFLNSALRATAPYKFLSEQHGKAVFMNKHWDWYEEYPTTPSSFVNLNGF  
 MYSLIGLYDLKETAGEKLGKEARSLYERGMESLKAMLPLYDTGSGTIYDLRHFMLGIA  
 PNLARWDYHTTHINQLQLLSTIDESPIFKEFVKRWKSYLKGSRAKHN

### Purity

Greater than 90% as determined by SDS-PAGE.

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<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GLCE
<b>Synonyms</b>	GLCE; D-glucuronyl C5-epimerase; Heparan sulfate C5-epimerase; Hsepi; Heparin/heparan sulfate:glucuronic acid C5-epimerase; Heparosan-N-sulfate-glucuronate 5-epimerase
<b>UniProt ID</b>	<a href="#">O18756</a>

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