Datasheet for ABIN5709583

# GLCE Protein (AA 29-617) (His tag)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | GLCE |
| Protein Characteristics: | AA 29-617 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GLCE protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

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|---|---|
| Sequence: | NKCSSDKAIQ FPRRSSSGFR VDGFEKRAAA SESNNYMNHV AKQQSEEAFP QEQQKAPPVV GGFNSNVGSK VLGLKYEEID CLINDEHTIK GRREGNEVFL PFTWVEKYFD VYGKVVQYDG YDRFEFSHSY SKVYAQRAPY HPDGVFMSFE GYNVEVRDRV KCISGVEGVP LSTQWGPQGY FYPIQIAQYG LSHYSKNLTE KPPHIEVYET AEDRDKNKPN DWTVPKGCFM ANVADKSRFT NVKQFIAPET SEGVSLQLGN TKDFIISFDL KFLTNGSVSV VLETTEKNQL FTIHYVSNAQ LIAFKERDIY YGIGPRTSWS TVTRDLVTDL RKGVGLSNTK AVKPTKIMPK KVVRLIAKGK GFLDNITIST TAHMAAFFAA SDWLVRNQDE KGGWPIMVTR KLGEGFKSLE PGWYSAMAQG QAISTLVRAY LLTKDHIFLN SALRATAPYK FLSEQHGVKA VFMNKHDWYE EYPTTPSSFV LNGFMYSLIG LYDLKETAGE KLGKEARSLY ERGMESLKAM LPLYDTGSGT IYDLRHFMLG IAPNLARWDY HTTHINQLQL LSTIDESPVF KEFVKRWKSY LKGSRAKHN |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

## Target Details

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|---|---|
| Target: | GLCE |
| Alternative Name: | GLCE (GLCE Products) |
| Background: | Converts D-glucuronic acid residues adjacent to N-sulfate sugar residues to L-iduronic acid residues, both in maturing heparan sulfate (HS) and heparin chains. This is important for further modifications that determine the specificity of interactions between these glycosaminoglycans and proteins. |
| Molecular Weight: | 70.9 kDa |
| UniProt: | O94923 |
| Pathways: | Glycosaminoglycan Metabolic Process |

## Application Details

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|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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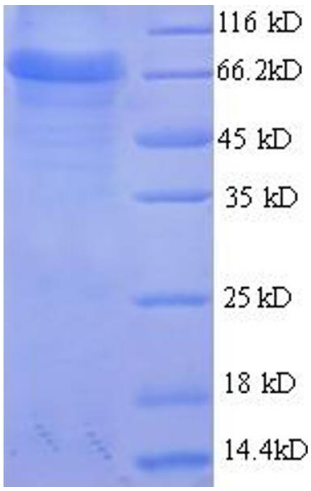
| Format: | Liquid |
| Concentration: | 0.1-2 mg/mL |
| Buffer: | 20 mM Tris-HCl based buffer, pH 8.0 |
| Storage: | -80 °C,4 °C,-20 °C |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |




**SDS-PAGE**

**Image 1.**