

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

Cat. No. RFL11536HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human D-glucuronyl C5-epimerase(GLCE) Protein (O94923) (1-617aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-617)

Form Lyophilized powder

AA Sequence

MRCLAARVNYKTLIIICALFTLVTVLLWNKCSSDKAIQFPRRSSSGFRVDGF EKRAAA
 SESNNYMNHVAKQQSEEAFPQEQQKAPPVVGGFNSNVGSKVLGLKYEEIDCLINDE
 HTIKGRREGNEVFLPFTWVEKYFDVYGKVVQYDGYDRFEFSSHSYSKVYAQRAPYHP
 DGVFMSFEGYNVEVRDRVKCISGVEGVPLSTQWGPQGYFYPIQIAQYGLSHYSKNL
 TEKPPHIEVYETAEDRDKNKPNDWTVPKGCFMANVADKSRFTNVKQFIAPETSEGV
 SLQLGNTKDFIISFDLKFLTNGSVSVVLETTEKNQLFTIHVVSNAQLIAFKERDIYYGIG
 PRTSWSTVTRDLVTDLRKGVGLSNTKAVKPTKIMPKKVVRLIAKGGKGF LDNITISTTA
 HMAAFFAASDWLVRNQDEKGGWPIMVTRKLGEGFKSLEPGWYSAMAQQQAISTLV
 RAYLLTKDHIFLNSALRATAPYKFLSEQHGKAVFMNKHWDWYEEYPTTPSSFVLNGF
 MYSLIGLYDLKETAGEKLGKEARSLYERGMESLKAMLPLYDTGSGTIYDLRHFMLGIA
 PNLARWDYHTTHINQLQLLSTIDESPVFKEFVKRWKSYLKGSRAKHN

Purity Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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.
GENE INFORMATION	
Gene Name	GLCE
Synonyms	GLCE; KIAA0836; D-glucuronyl C5-epimerase; EC 5.1.3.17; Heparan sulfate C5-epimerase; Hsepi; Heparin/heparan sulfate:glucuronic acid C5-epimerase; Heparosan-N-sulfate-glucuronate 5-epimerase
UniProt ID	O94923

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