



# Recombinant Human D-glucuronyl C5-epimerase (GLCE), partial

<b>Product Code</b>	CSB-EP009492HU
<b>Relevance</b>	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.
<b>Abbreviation</b>	Recombinant Human GLCE protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O94923
<b>Alias</b>	Heparan sulfate C5-epimerase ;HsepiHeparin/heparan sulfate:glucuronic acid C5-epimeraseHeparosan-N-sulfate-glucuronate 5-epimerase
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	NKCSSDKAIQFPRRSSSGFRVDGFEKRAAASESNNYMNHVAKQQSEEAFFPQE QQKAPPVVGGFNSNVGSKVLGLKYEEIDCLINDEHTIKGRREGNEVFLPFTWV EKYFDVYGKVVQYDGYDRFEFSHSYSKVYAQRAPYHPDGVFMSFEGYNVEV RDRVKICISGVEGVPLSTQWGPQGYFYPIQIAQYGLSHYSKNLTEKPPHIEVYET AEDRDKNKPNPDWTVPKGCFMANVADKSRFTNVKQFIAPETSEGVSLQLGNTK DFIISFDLKFLTNGSVSVVLETTEKNQLFTIHVVSNAQLIAFKERDIYYGIGPRTS WSTVTRDLVTDLRKGVGLSNTKAVKPTKIMPKKVRLIAKKGFLDNITISTTAH MAAFFAASDWLVRNQDEKGGWPIMVTRKLGEFGKSLEPGWYSAMAQQQAIS TLVRAYLLTKDHIFLNSALRATAPYKFLSEQHGVKAVFMNKHWDWYEEYPTTPS SFVLNGFMYSLIGLYDLKETAGEKLGKEARSLYERGMESLKAMLPLYDTGSGTI YDLRHFMLGIAPNLARWDYHTTHINQLQLLSTIDESPVFKEFVKRWKSYLKGSRAKH N
<b>Research Area</b>	Cancer
<b>Source</b>	E.coli
<b>Target Names</b>	GLCE
<b>Expression Region</b>	29-617aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	70.9kDa

<b>Protein Length</b>	<b>Partial</b>	
<b>Image</b>	<p>(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.</p>	
	<p>Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP009492HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) GLCE.</p>	
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<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>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.	