



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

Product Code	CSB-EP009492HU
Relevance	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.
Abbreviation	Recombinant Human GLCE protein, partial
Storage	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.
Uniprot No.	O94923
Alias	Heparan sulfate C5-epimerase ;HsepiHeparin/heparan sulfate:glucuronic acid C5-epimeraseHeparosan-N-sulfate-glucuronate 5-epimerase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	NKCSSDKAIQFPRRSSSGFRVDGFEKRAAASESNNYMNHVAKQQSEEAFFPQE QQKAPPVVGGFNSNVGSKVLGLKYEEIDCLINDEHTIKGRREGNEVFLPFTWV EKYFDVYGKVVQYDGYDRFEFSHSYSKVYAQRAPYHPDGVFMSFEGYNVEV RDRVKCSGVEGVPLSTQWGPQGYFYPIQIAQYGLSHYSKNLTEKPPHIEVYET AEDRDKNKPNDWTPKGCFCMANVADKSRFTNVKQFIAPETSEGVSLQLGNTK DFIISFDLKF LTNGSVSVVLETTEKNQLFTIHVVSNAQLIAFKERDIYYGIGPRTS WSTVTRDLVTDLRKGVGLSNTKAVKPTKIMPKKVRLIAKGKGF LDNITISTTAH MAAFFAASDWLV RNQDEKGGWPIMVTRKLGE GFKSLEPGWYSAMAQQQAIS TLVRAYLLTKDHIFLNSALRATAPYKFLSEQHGVKAVFMNKH DWYEEYPTTPS SFVLNGFMYSLIGLYDLKETAGEKLGKEARSLYERGMESLKAMLPLYDTGSGTI YDLRHFMLGIAPNLARWDYHTTHINQLQLLSTIDESPVFKEFVKRWKSYLKGSRAKH N
Research Area	Cancer
Source	E.coli
Target Names	GLCE
Expression Region	29-617aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	70.9kDa

Protein Length	Partial	
Image	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	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.
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.	
Shelf Life	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.	