

Recombinant Human GLCE Protein (29-617 aa), His-tagged

Cat. No. GLCE-525H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLCE Protein (29-617 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	29-617 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	70.9 kDa
AA Sequence	NKCSSDKAIQFPRRSSSGFRVDGFEKRAAASESNMYMNHVAKQQSEEAFFPQEQQK APPVVGGFNSNVGSKVLGLKYEEIDCLINDEHTIKGRREGNEVFLPFTWVEKYFDVY GKVVQYDGYDRFEFSHSYSKVYAQRAPYHPDGVFMSFEGYNVEVRDRVKCISGVE GVPLSTQWGPQGYFYPIQIAQYGLSHYSKNLTEKPPHIEVYETAEDRDNKPNPDWT VPKGCFCMANVADKSRFTNVKQFIAPETSEGVSLQLGNTKDFIISFDLKFLTNGSVSVV LETTEKNQLFTIHVVSNAQLIAFKERDIYYGIGPRTSWSTVTRDLVTDLRKGVLSNT

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KAVKPTKIMPKKVRLIAKGKGFLDNITISTTAHMAAFFAASDWLVRNQDEKGGWPI
 MVTRKLGEGFKSLEPGWYSAMAQGQAISTLVRAYLLTKDHIFLNSALRATAPYKFSL
 EQHGVKAVFMNKHWDWYEEYPTTPSSFVLNGFMYSLIGLYDLKETAGEKLGKEARSL
 YERGMECLKAMLPLYDTGSGTIYDLRHFMLGIAPNLARWDYHTTHINQLQLLSTIDES
 PVFKEFVKRWKSYLKGSRAKHN

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name [GLCE glucuronic acid epimerase \[Homo sapiens \]](#)

Official Symbol [GLCE](#)

Synonyms GLCE; HSEPI; KIAA0836;

Gene ID [26035](#)

mRNA Refseq [NM_015554](#)

Protein Refseq [NP_056369](#)

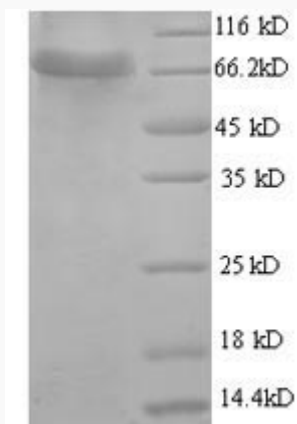
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MIM 612134

UniProt ID O94923



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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