

32-8976: Recombinant Human D-glucuronyl C5-epimerase (N-Flag-6His)(Discontinued)

Gene : GLCE
Gene ID : 26035
Uniprot ID : O94923

Description

Source: Human Cells.
MW :68.7kD.

Recombinant Human D-glucuronyl C5-epimerase is produced by our Mammalian expression system and the target gene encoding Asn29-Asn617 is expressed with a 6His, Flag tag at the N-terminus. D-glucuronyl C5-epimerase is an enzyme that in humans is encoded by the GLCE gene. D-glucuronyl C5-epimerase 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20 mM Tris,200mM NaCl,pH8.0 .
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : DYKDDDDKHHHHHHNKSSDKAIQFRRSSSGFRVDGFEKRAAASESNNYMNHVAKQQSEAFPEQQKAP
PVVGGFNSNVGSKVLGLKYEEIDCLINDEHTIKGRREGNEVFLPFTWVEKYFDVYGVVQYDGYDRFEFSHSYS
KVYAQRAPYHPDGVFMSFEGYNVEVRDRVKCISGVEGVPLSTQWGPQGYFYPIQIAQYGLSHYSKNLTKPPHI
EYETAEDRDKNKPNPDWTVPKGCFMANVADKSRFTNVKQFIAPETSEGVSLQLGNTKDFIISFDLKFLTNGSVS
VVLETTEKNQLFTIHYVSNALIAFKERDIYYGIGPRTSWSTVTRDLVTDLRKGVGLSNTKAVKPTKIMPKKVRL
IAKGGFLDNITISTTAHMAAFFAASDWLVRNQDEKGGWPIMVTRKLGEGFKSLEPGWYSAMAQQAISTLVR
AYLLTKDHIFLNSALRATAPYKFLSEQHGKAVFMNKHWDWYEEYPTTPSSFVLNGFMYSLIGLYDLKETAGEKLG
KEARSLYERGMESLKAMLPLYDTGSGTIYDLRHFMLGIAPNLARWDYHTTHINQLQLLSTIDESPVFKEFVKRWK
SYLKGSRAKHN

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.