
HS3ST6 Antibody Blocking Peptide

Catalog Number: bs-17393P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Heparan sulfate structures, which are responsible for executing multiple biological activities, are generated and regulated by heparan sulfate biosynthetic enzymes. HS3ST6 (Heparan sulfate glucosamine 3-O-sulfotransferase 6) is a 342 amino acid single-pass type II transmembrane protein that localizes to the golgi apparatus and belongs to the sulfotransferase 1 family. HS3ST6 transfers sulfate to the 3-OH position of the glucosamine residue of heparan sulfate to form 3-O-sulfated heparan sulfate. Due to observed susceptibility of HS3ST6-transfected CHO cells to HSV-1 infection, it has been suggested that HS3ST6 produces a specific entry receptor for HSV-1. The gene encoding HS3ST6 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome,