

Heparan Sulfate Glucosamine 3-O-Sulfotransferase 3 (HS3ST3B1)

Product Information

Cat#	DIA-745
Descriptions	Heparan Sulfate Glucosamine 3-O-Sulfotransferase 3 (HS3ST3B1) generates rare 3-O-sulfated glucosamine motifs in heparan sulfate chains, mediates specific protein recognition events, and is involved in viral entry and host-pathogen interaction processes.
Applications	Heparan Sulfate Glucosamine 3-O-Sulfotransferase 3 (HS3ST3B1) is widely used in viral entry mechanism detection kits and host-pathogen interaction assay reagent development.
CAS No.	28-02-3042
Enzyme Commission Number	EC 2.8.2.30
Enzyme Source	CHO-derived
Reaction	3'-phosphoadenylyl sulfate + alpha-D-glucosaminy-[heparan sulfate] (n) = 3-sulfo-alpha-D-glucosaminy-[heparan sulfate] (n) + adenosine 3', 5'-bisphosphate + H ⁺
Activity Definition	Measured by its ability to transfer sulfate from PAPS to heparan sulfate under the described conditions.