

Heparan Sulfate 2-O-Sulfotransferase 1 (HS2ST1)

Product Information

Cat#	DIA-740
Descriptions	Heparan Sulfate 2-O-Sulfotransferase 1 (HS2ST1) specifically transfers sulfate groups to the 2-O position of iduronic acid residues in heparan sulfate chains, modulates heparan sulfate sulfation patterns, and regulates growth factor binding and cell signal transduction processes.
Applications	Heparan Sulfate 2-O-Sulfotransferase 1 (HS2ST1) is widely applied in heparan sulfate sulfation pattern detection kits and growth factor binding assay reagent development.
Enzyme Source	CHO-derived
Reaction	Catalyzes the transfer of sulfate to the C2-position of selected hexuronic acid residues within the maturing heparan sulfate (HS).
Activity Definition	Measured by its ability to transfer sulfate from PAPS to heparan sulfate under the described conditions.