

Galactose-3-O-Sulfotransferase 2 (GAL3ST2)

Product Information

Cat#	DIA-715
Descriptions	Galactose-3-O-sulfotransferase 2 (GAL3ST2) transfers sulfate groups to the 3-position of galactose residues in glycoproteins and glycolipids, mediates sulfoglycolipid biosynthesis, and participates in neural cell differentiation and tumor progression regulation.
Applications	Galactose-3-O-sulfotransferase 2 (GAL3ST2) is suitable for sulfoglycolipid detection kits and neural cell differentiation assay reagent development.
Enzyme Source	CHO-derived
Reaction	Transfers a sulfate group to the hydroxyl group at C3 of non-reducing beta-galactosyl residues. Acts both on type 1 (Gal-beta-1, 3-GlcNAc) and type 2 (Gal-beta-1, 4-GlcNAc) chains with similar efficiency.
Activity Definition	Measured by its ability to transfer sulfate from PAPS to alpha -Lactose under the described conditions.