

Sialidase Isoenzyme S (Ganglioside Sialidase) (AuSialidase S)

Product Information

Cat#	DIA-857
Descriptions	Sialidase isoenzyme S (Ganglioside sialidase) (AuSialidase S) displays unique substrate preference for ganglioside-type sialylated glycoconjugates, efficiently removes terminal sialic acid residues from glycosphingolipids, and supports glycolipidomics analysis and neural glycobiology research.
Applications	Sialidase isoenzyme S (Ganglioside sialidase) (AuSialidase S) serves as a tool for neural glycosphingolipid detection kits and glycolipid metabolism assay reagent development.
CAS No.	32-1-182
Enzyme Commission Number	EC 3.2.1.18
Enzyme Source	E.coli recombinant Sialidase isoenzyme S from Arthrobacter ureafaciens.
Reaction	Neu5AcAlpha2, 3GalBeta1, 4Glc = GalBeta1, 4Glc + Neu5Ac
Activity Definition	One unit is defined as the amount of enzyme that catalyze the 6'SL generation of 1 μmol lactose and Neu5Ac per minute at 37°C.