

Sphingolipid Ceramide N-Deacylase (SCDase)

Product Information

Cat#	DIA-858
Descriptions	Sphingolipid ceramide N-deacylase (SCDase) specifically hydrolyzes the N-acyl bond of ceramide in various sphingolipids to release free fatty acids and lysosphingolipids, is widely used for sphingolipid structural modification and fatty acid chain remodeling research.
Applications	Sphingolipid ceramide N-deacylase (SCDase) is applied in sphingolipid remodeling detection kits and ceramide structure assay reagent development.
CAS No.	35-1-69
Enzyme Commission Number	EC 3.5.1.69
Enzyme Source	E.coli recombinant Sphingolipid ceramide N-deacylase from Shewanella alga.
Reaction	GM1-sph + fatty acids C18 = GM1cer
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol Gg4cer from Gg4-sph and fatty acids C18 per minute at 37°C.