

TsCDase

Product Information

Cat#	DIA-886
Descriptions	TsCDase is a thermostable sphingolipid ceramide N-deacylase that efficiently hydrolyzes the amide bond of ceramide in various sphingolipids under wide temperature and pH ranges, is suitable for sphingolipid structural analysis and ceramide remodeling biocatalysis.
Applications	TsCDase serves as a thermostable tool for sphingolipid detection kits and ceramide remodeling assay reagent development.
CAS No.	32-1-54
Enzyme Commission Number	EC 3.2.1.54
Enzyme Source	E.coli recombinant TsCDase from Thermococcus sp. Strain B1001.
Reaction	Beta-cyclodextrin = (Glca1, 4)6Glc
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 Mumo (Glca1,4)6Glc from Beta-cyclodextrin minute at 80 °C,pH 5.0