

Alpha, 3Mannosidase (XmaMan)

Product Information

Cat#	DIA-595
Descriptions	Alpha,3Mannosidase is a professional glycoside hydrolase with stable catalytic property. It specifically hydrolyzes alpha-1,3 linked mannose bonds in glycans and glycoproteins, perfectly fitting for glycan structure analysis, glycoprotein modification and carbohydrate biology related researches.
Applications	Alpha, 3Mannosidase (XmaMan) is utilized for glycoprotein glycosylation detection kit development and high-mannose glycan profiling assay reagent preparation.
CAS No.	32-1-114
Enzyme Commission Number	EC 3.2.1.114
Enzyme Source	E.coli recombinant XmaMan from Xanthomonas.
Activity Definition	The enzyme activity unit is defined as the amount of enzyme required to hydrolyze 95% mannose per hour from 1nmol ManAlpha1,6 (ManAlpha1,3) ManBeta1.4GlcNAc in a 10uL system at 37°C to ManAlpha1,6ManBeta1.4GlcNAc.