BIOZOL

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Product Datasheet

alpha-2,3-sialyltransferase

EVS-RE-3ST

Article Name	alpha-2,3-sialyltransferase
Biozol Catalog Number	EVS-RE-3ST
Supplier Catalog Number	RE-3ST
Alternative Catalog Number	EVS-RE-3ST-50U, EVS-RE-3ST-250U
Manufacturer	eversyn
Category	Sonstiges
Product Description	Unit definition (U) (standard enzyme unit): One unit is defined as the formation of 1 µmol Neu5Ac-alpha-2,3-lactose (3SL) from 1 mM CMP-Neu5Ac and 1 mM lactose per minute at 37 C and pH 8.0. This recombinant bacterial alpha-2,3-sialyltransferase (alp...
Molecular Weight	48kDa
Tag	His-tag
Expression System	E. coli BL21(DE3)
Purity	90 % (SDS-PAGE)
Form	Solid

Application Notes	The enzyme is for research use only. Not for use in diagnostic procedures. For the sialylation of a wide range of glycans with galactose terminal: G2F, G2, Lewis a, Lewis x, lactose, LNT, LNnT, etc. For the sialylation of glycoproteins: Rituximab (in combination with beta1,4-GalT), Erythropoietin (EPO) for terminal sialylation, Fc-fusion proteins for enhanced serum half-life Glycan arrays for binding studies