

Tumour-associated MUC1 epitope

Cat. No.:	HY-P5472
CAS No.:	129437-45-2
Molecular Formula:	C ₈₀ H ₁₂₇ N ₂₅ O ₂₈
Molecular Weight:	1887.02
Sequence:	Pro-Asp-Thr-Arg-Pro-Ala-Pro-Gly-Ser-Thr-Ala-Pro-Pro-Ala-His-Gly-Val-Thr-Ser-Ala
Sequence Shortening:	PDTRPAPGSTAPPAHGVTSA
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Tumour-associated MUC1 epitope is a biological active peptide. (This sequence is the hallmark of MUC1 mucin. MUC1 is a highly glycosylated type I transmembrane glycoprotein with a unique extracellular domain consisting of a variable number of tandem repeats (VNTR) of this 20 amino acid peptide. It is overexpressed on the cell surface of many human adenocarcinomas and hematological malignancies, including multiple myeloma and B-cell lymphoma, making MUC1 broadly applicable target for immunotherapeutic strategies.)

Caution: Product has not been fully validated for medical applications. For research use only.

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