



Beta-alanine [G-Pc] (DAG3644)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Beta-alanine, G-Pc-conjugated
Species	N/A
Conjugate	G-Pc
Applications	Immunohistochemistry, immunocytochemistry
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Alanine is an α -amino acid with the chemical formula $\text{CH}_3\text{CH}(\text{NH}_2)\text{COOH}$. The L-isomer is one of the 20 amino acids encoded by the genetic code. Its codons are GCU, GCC, GCA, and GCG. It is classified as a nonpolar amino acid. L-Alanine is second only to leucine in rate of occurrence, accounting for 7.8% of the primary structure in a sample of 1,150 proteins. D-Alanine occurs in bacterial cell walls and in some peptide antibiotics.
Keywords	Alanine; Ala; A; Z-ALA-OSU; Cbz-Ala-Osu; beta-Alanine