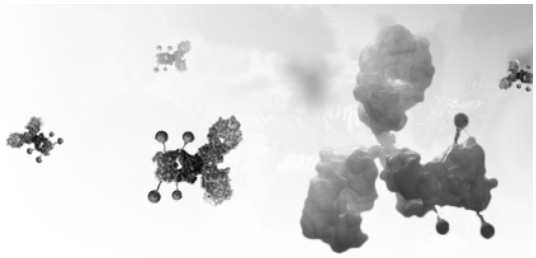

Human type O Beta 2 Microglobulin (DAG392)

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

PRODUCT INFORMATION

Antigen Description	Major regulator of synaptictransmission and plasticity at adult synapses in many regions of the CNS. Theversatility of BDNF is emphasized by its contribution to a range of adaptiveneuronal responses including long-term potentiation (LTP), long-termdepression (LTD), certain forms of short-term synaptic plasticity, as well ashomeostatic regulation of intrinsic neuronal excitability.
Species	Human
Conjugate	Unconjugated
Applications	Specific methodologies have not been tested using this product.
Format	Purified, Lyophilized Reconstitute with distilled water or PBS.
Concentration	Notapplicable
Size	1 mg
Buffer	Notapplicable
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.

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Keywords	B2M; beta-2-microglobulin; Beta-2-microglobulin; beta chain of MHC class I molecules; beta-2-microglobin; β2-MG

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