



HTLV type 1 Glycoprotein 46 (aa 165 - 440) (DAG-P2964)

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

PRODUCT INFORMATION

Product Overview	HTLV I gp46 protein fragment
Antigen Description	HTLV I gp46 surface protein is processed from its precursor gp62. It attaches the virus to the host cell by binding to its receptor. This interaction triggers the refolding of the transmembrane protein (TM) and is thought to activate its fusogenic potential by unmasking its fusion peptide. Fusion occurs at the host cell plasma membrane.
Species	HTLV
Purity	> 95 % by SDS-PAGE.>95% pure (SDS-PAGE and HPLC-C4)
Conjugate	Unconjugated
Applications	WB ELISA
Bio-activity	Reacts with Human HTLV I/II positive serum.
Format	Liquid
Buffer	Preservative: None Constituents: 0.1% SDS, 10mM Sodium phosphate, 1mM DTT, 1mM EDTA, pH 6.0
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.1% SDS, 10mM Sodium phosphate, 1mM DTT, 1mM EDTA, pH 6.0

BACKGROUND

Introduction

The human T-lymphotropic virus type I (HTLV-1) is a human retrovirus that is known to cause a type of cancer, referred to as adult T-cell leukemia and lymphoma, and a demyelinating disease called HTLV-I associated myelopathy/tropical spastic paraparesis (

Keywords

Glycoprotein 46; SU; Surface protein; HTLV I gp46
