



Recombinant *Borrelia burgdorferi* p66 (DAG-WT143)

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

PRODUCT INFORMATION

Antigen Description	Recombinant <i>Borrelia burgdorferi</i> (strain B31) outer membrane protein p66. Full-length cDNA coding for <i>Borrelia burgdorferi</i> p66 fused to a deca-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	67kDa
Format	Liquid
Size	1 mg
Buffer	Neutral to slightly alkaline pH and 20% glycerol
Preservative	None
Storage	Store at -70°C or below. Avoid freeze / thaw cycles

BACKGROUND

Introduction	The Gram-negative bacterium <i>Borrelia burgdorferi</i> is one of the pathogens of the <i>Borrelia burgdorferi</i> sensu lato complex causing Lyme disease. <i>Borrelia burgdorferi</i> p66 is an outer membrane spanning protein alternatively named Oms66 that has a dual function in forming porins and being involved in host cell attachment by binding to α 3-integrins.
Keywords	<i>Borrelia burgdorferi</i> ; <i>B. burgdorferi</i> ; p66; Lyme disease