



# Recombinant *Borrelia burgdorferi* p66 (DAG-WT143)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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
<b>Purity</b>	>80% as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Immunoassays
<b>Molecular Weight</b>	67kDa
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Neutral to slightly alkaline pH and 20% glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -70°C or below. Avoid freeze / thaw cycles

## BACKGROUND

<b>Introduction</b>	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 $\beta$ v $\beta$ 3-integrins.
<b>Keywords</b>	<i>Borrelia burgdorferi</i> ; <i>B. burgdorferi</i> ; p66; Lyme disease