



# Recombinant *Borrelia burgdorferi* p58 (DAG-WT142)

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) p58 protein. Full-length cDNA coding for <i>Borrelia burgdorferi</i> p58 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>	60kDa
<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. Although the function of p58 is still widely elusive, the prediction of a functional domain usually found in periplasmic oligopeptide-binding proteins suggests a similar role in the transport of solutes across the cytoplasmic membrane.
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**Keywords**

Borrelia burgdorferi; B. burgdorferi; p58; Lyme disease

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