

p41 recombinant protein

Recombinant Borrelia Burgdorferi p41

CATALOG # AAA38644	HOST Escherichia Coli.	APPLICATIONS ELISA, Western Blot
------------------------------	----------------------------------	--

PRODUCT SYNONYMS

p41; Recombinant Borrelia Burgdorferi p41; Borrelia p41; Borrelia Burgdorferi p41 Recombinant; p41 recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli.
Purity/Purification	Protein is >90% pure as determined by SDS-PAGE. Purified by proprietary chromatographic technique.
Form/Format	(1.0 mg/mL) 25mM glycine, pH 9.6 and 50% glycerol.
Sequence Length	336
Applicable Applications for p41 recombinant protein	ELISA, WB (Western Blot)
Preparation and Storage	Borrelia p41 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for p41 recombinant protein	Description: The E Coli derived recombinant protein contains the p41 immunodominant regions, 158-296 amino acids. Borrelia p41 is fused to 6xHis tag at N-terminal and purified by proprietary chromatographic techniques. Introduction: Borrelia belongs to a genus of bacteria of the spirochete phylum. Borrelia causes borreliosis, which is a zoonotic, vector-borne disease transmitted mainly by ticks and some by lice, depending on the species. Of the 36 known species of Borrelia, 12 are distinguished to cause Lyme disease or borreliosis and are transmitted by ticks. The main Borrelia species causing Lyme disease are Borrelia burgdorferi, Borrelia afzelii, and Borrelia garinii. The Borrelia genus members have a linear chromosome which is about 900 kbp in length as well as an excess of both linear and circular plasmids in the 5-220 kbp size range. The plasmids are atypical, as compared to most bacterial plasmids, since they contain many paralogous sequences, a large number of pseudogenes and, in some cases, essential genes. Moreover, a number of the plasmids have features suggesting that they are prophages.
Product Categories/Family for p41 recombinant protein	Viral Antigens ; BORRELIA PROTEIN ; Viral Antigens ; Borrelia

NCBI AND UNIPROT INFORMATION

NCBI GI #	483603
UniProt Accession #	Q45028
NCBI Official Full Name	p41, partial
UniProt Protein Name	P41
UniProt Gene Name	p41
UniProt Entry Name	Q45028_BORBG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/p41-recombinant-protein-escherichia-coli-elisa-wb-western-blot/38644>