Recombinant Borrelia ospA therapeutic protein(Lyme disease vaccine (recombinant OspA))

Cat. No. ospA-P045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Vaccine against Lyme disease that contains lipoprotein OspA, an outer surface protein of Borrelia burgdorferi, as expressed by Escherichia coli. Lipoprotein OspA is a single polypeptide chain of 257 amino acids with lipids covalently bonded to the N terminus. It is conjugated with alum (aluminum hydroxide) as an adjuvant.
Species	Borrelia
Source	E.coli
ProteinLength	257aa
Description	Our expression product is the active ingredient of LYMErix.
Molecular Mass	27.7 Kda
AA Sequence	MKKYLLGIGLILALIACKQNVSSLDEKNSVSVDVPGGMKVLVSKEKNKDGKYDLMAT VDNVDLKGTSDKNN GSGILEGVKADKSKVKLTVADDLSKTTLEVLKEDGTVVSRKV TSKDKSTTEAKFNEKGELSEKTMTRANGT TLEYSQMTNEDNAAKAVETLKNGIKFE GNLASGKTAVEIKEGTVTLKREIDKNGKVTVSLNDTASGSKKTA SWQESTSTLTISA NSKKTKDLVFLTNGTITVQNYDSAGTKLEGSAAEIKKLDELKNALR
Purity	>95%

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