

Recombinant *Borrelia burgdorferi* ospA protein, His-tagged

Cat. No. ospA-4451B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Borrelia burgdorferi</i> ospA protein(P0A3N6)(17-273aa), fused to N-terminal His tag, was expressed in Yeast.
Species	<i>Borrelia burgdorferi</i>
Source	Yeast
ProteinLength	17-273aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	29.9 kDa
AA Sequence	CKQNVSSLDEKNSASVDLPGEMKVLVSKEKDKDGKYSKATVDKIELKGTSDKDNG SGVLEGTKDDKSKAKLTIADDLSKTTFELFKEDGKTLVSRKVSSKDKTSTDEMFNEK GELSAKTMTRENGTKLEYTEMKSDGTGKAKEVLKNFTLEGKVANDKVTLEVKEGTV TLSKEIAKSGEVTVALNDTNTTQATKKTGAWDSKTSTLTISVNSKKTQLVFTKQDTIT VQKYDSAGTNLEGTAVEIKTLDELKNALK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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