

**REF:**      AGX-5-000-0714

**LOT:**        -

**Product Identity:**    47 kDa membrane antigen (aa 21-434)

*Treponema pallidum* (strain Nichols)

**Source:**                *E.coli*

**Size:**                    47.9 kDa

**Description:**        Protein is expressed with His-tag (N-terminally) and purified  
with affinity chromatographic techniques

**Purity:**                ≥ 98% by 12.5% SDS-PAGE

**Appearance:**        clear solution

**Quantification:**    BCA Protein Assay

**Concentration:**     Lot specific

**Buffer:**                20 mM Tris (pH 8.0), 300 mM NaCl

**Shelf Life:**            3 years at -70°C or below

**Note:**                    This product is intended for research use only

Avoid repeated freeze-thaw cycles