

Recombinant *Ureaplasma Urealyticum Parvum* UUP protein, GST-tagged

Cat. No. UUP-247M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MB antigen of <i>Ureaplasma parvum</i> serovar fused with GST, is expressed in <i>E. coli</i> , having a Mw of 40kDa, and recognized by the specific IgM and IgG to <i>Ureaplasma parvum</i> .
Species	<i>Ureaplasma Urealyticum Parvum</i>
Source	<i>E. coli</i>
Description	<i>Ureaplasma urealyticum parvum</i> is a pathogenic mycoplasma localized in genito-urinary tracts, <i>Ureaplasma urealyticum parvum</i> is one of the smallest free living organisms and the only organism expressing human immuno-globulin A1 protease to decompose human protective antibody. <i>Ureaplasma parvum</i> is related with various diseases, causing male urethritis, pyelonephritis, chorioamnionitis, pelvic inflammation, infertility via placental inflammation and abnormal outcomes during the early infection of pregnancy via amniotic sac, other diseases include suppurative arthritis, surgical infections, neonatal meningitis and neonatal disease. Lower respiratory infection is also very common for preterm infants and low birth weight baby. Which usually lead to broncho pulmonary dysplasia and congenital pneumonia, meningitis, and even death. MB antigen is considered as a major antigen of <i>Ureaplasma parvum</i> , it is present in different clinical isolates.
Form	Sterile filtered colorless solution. MB Antigen (2.2 mg/ml) is formulated in 1x PBS and 1mM EDTA pH 7.4 and 0.01% Sodium azide.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Molecular Mass	40kDa
Purity	Greater than 95% as determined by 10% PAGE (Coomassie staining).
Applications	Can be used for lateral flow product, ELISA assay and vaccine development.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	Upon arrival, Store at -20°C. Please prevent freeze-thaw cycles.
Shipping	Ice Packs

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