Recombinant Herpes Simplex Virus-1 glycoprotein G (HSV-1-gG)

Cat. No: ABC2568

Source: Saccharomyces cerevisiae

Description: Recombinant HSV-1 gG contains the immunodominant regions of glycoprotein G, amino acids (84-175). HSV-1-gG is purified by proprietary chromatographic techniques.

Formulation: 1mg/ml in 20mM sodium phosphate pH-7.5, 1mM EDTA and 6M urea.

Storage: Protein is shipped at ambient temperature. Upon arrival, store at -20°C. Please avoid freeze-thaw cycles.

Stability: Five years frozen. One month in solution at room temperature

Specificity: Immunoreactive with sera of HSV-infected individuals.

Applications: 1. ELISA
2. Western blots
3. HSV Detection.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.
Latest Publications:
1. Dichotomy of glycoprotein g gene in herpes simplex virus type 1 isolates.
   J Clin Microbiol 2002 Sep;40(9):3245-51
2. Glycoprotein G of herpes simplex virus type 1: identification of type-specific epitopes by
   human antibodies.
3. Pseudotyping of glycoprotein D-deficient herpes simplex virus type 1 with vesicular stomatitis
   virus glycoprotein G enables mutant virus attachment and entry.
5. Expression and characterization of herpes simplex virus type 1 (HSV-1) glycoprotein G (gG)
   by recombinant vaccinia virus: neutralization of HSV-1 infectivity with anti-gG antibody.