



# Recombinant PRRSV GP5 Protein [His] (DAGC754)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|              |  |
|--------------|--|
| Species      | PRRSV  |
| Purity       | > 95 % as determined by SDS-PAGE   |
| Conjugate    | His  |
| Applications | ELISA  |
| Format       | Liquid   |
| Size         | 1 mg   |
| Buffer       | 0.01 M PBS, pH 7.4   |
| Preservative | None   |
| Storage      | Store it under sterile conditions at -20°C. Avoid repeated freeze-thaw cycles. |

## BACKGROUND

|              |   |
|--------------|---|
| Introduction | Porcine reproductive and respiratory syndrome virus (PRRSV) can spread rapidly among pigs through multiple routes of transmission, including aerosolization, causing severe respiratory disease that often leads to secondary infections and death in nursery age pigs. In sows, it is common to observe sudden loss of litters late in gestation, along with stillbirth and weak piglets in farrowed litters. PRRSV infection can also remain persistent in pigs for several months before it is completely cleared. Because of these clinical manifestations and viral persistence, PRRSV remains an economically devastating disease in swine herds worldwide. |
| Keywords     | Porcine reproductive and respiratory syndrome virus; PRRSV; PRRSV GP5; PRRSV Major  |

