



# Recombinant Rotavirus VP6 protein [His] (DAGC411)

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

## PRODUCT INFORMATION

Species	Rotavirus
Purity	> 90% pure
Conjugate	His
Applications	SDS-PAGE
Molecular Weight	48 Kda
Format	Liquid
Size	250 µg
Buffer	Supplied in a Tris-based buffer with 50% glycerol
Preservative	None
Storage	4°C shipping only. Upon receipt store at -20 to -80°C. Avoid repeat freeze-thaw cycles

## BACKGROUND

### Introduction

The genus rotavirus belongs to the Reoviridae family of viruses. Rotaviruses are non-enveloped, double-stranded RNA (dsRNA) viruses, capable of infecting animals, birds and humans. In the mature virion, a complex triple-layered viral capsid surrounds a genome, composed of eleven segments of dsRNA. These RNA segments code for 6 structural and 6 non-structural proteins (CDC). Rotavirus are classified according to the serological reactivity and genetic variability of the structural VP6 protein. Currently, eight species of rotavirus are recognised and are referred to as groups A-H. Group A rotaviruses are the most common

cause of human disease, but group B and C rotaviruses have also been found to infect humans.

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<b>Keywords</b>	Rotavirus; Rotavirus VP6; Rotavirus VP6 Protein
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