

Title (en)  
ROTAVIRUS ENTEROTOXIN NSP4 AND METHODS OF USING SAME

Title (de)  
ROTAVIRUS-ENTEROTOXIN NSP4 UND VERFAHREN ZU SEINER VERWENDUNG

Title (fr)  
ENTEROTOXINE NSP4 DE ROTAVIRUS ET SES METHODES D'UTILISATION

Publication  
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Application  
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Abstract (en)  
[origin: WO0236172A2] The rotavirus non-structural glycoprotein, NSP4, performs multiple functions in the virus replication cycle, especially during viral morphogenesis. Specifically, NSP4 is an intracellular receptor that mediates the acquisition of a transient membrane envelope during the budding of newly formed subviral particles into the endoplasmic reticulum (ER). The present invention relates to NSP4 and methods of use. More particularly, it relates to the use of NSP4 and fragments thereof (NSP4 114-135, NSP4 120-147, NSP4 112-174, or NSP4 112-150) as a prevention and/or treatment of rotaviral disease.

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