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Product datasheet for AR09251PU-N

Rotavirus (SA-11 strain) Human Protein

Product data:

Product Type:	Native Proteins
Description:	Rotavirus SA-11 strain human protein, 1 ml
Species:	Human
Protein Source:	MA104
Predicted MW:	50 kDa
Purity:	60% **Preparation:** This Rotavirus antigen is prepared from an extraction of MA104 cells infected with the Rotavirus strain SA-11.
Buffer:	Presentation State: Purified State: Liquid purified protein. Buffer System: Physiological Saline, pH 6.0–7.0
Preparation:	Liquid purified protein.
Applications:	Rotavirus antigen is available for use in ELISA test kits as a Positive Control or antigen for serological testing. The purification process yields a Rotavirus antigen which has a high sensitivity and low background in the ELISA assay.
Protein Description:	Rotavirus Antigen Viral Strain: SA-11, UV Inactivated by ultraviolet light and is tested for infectivity prior to release. The preparation is partially purified to reduce host cell components.
Storage:	Store the antigen at -65°C or below. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001293058
Locus ID:	2335
Cytogenetics:	2q35
Synonyms:	CIG; ED-B; FINC; FN; FNZ; GFND; GFND2; LETS; MSF; SMDCF

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Summary:	This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined. [provided by RefSeq, Jan 2016]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein
Protein Pathways:	ECM-receptor interaction, Focal adhesion, Pathways in cancer, Regulation of actin cytoskeleton, Small cell lung cancer