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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



Recombinant Prokaryotic Lectin-Sia3

Item No. 36396

Overview and Properties

| | |
|--------------------------|---|
| Synonym: | RPL-Sia3 |
| Source: | Recombinant His-tagged rotavirus RPL-Sia3 expressed in <i>E. coli</i> |
| Host: | <i>E. coli</i> |
| Molecular Weight: | 19.584 kDa |
| Storage: | -80°C (as supplied) |
| Stability: | ≥1 year |
| Purity: | ≥95% estimated by SDS-PAGE |
| Supplied in: | PBS, pH 7.2 |

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Recombinant prokaryotic lectin-Sia3 (RPL-Sia3) is the carbohydrate recognition domain (CRD) of rotavirus lectin expressed in, and purified from, *E. coli*. It is a monomer under physiological conditions and selectively binds to glycoproteins containing terminal α -linked N-acetylneuraminic acid (Neu5Ac) groups. RPL-Sia3 activity requires metal ions, therefore, all buffers must be supplemented with 1 mM calcium chloride, magnesium chloride, and manganese chloride. It is recommended to use metal ion-supplemented Tris-buffered saline (TBS), pH 7.6, to dilute RPL-Sia3 to the desired working concentration ($\leq 20 \mu\text{g/ml}$). Following dilution, incubate RPL-Sia3 for a minimum of 30 minutes prior to use to allow metal complexation.

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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