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Produktinformation



Forschungsprodukte & Biochemikalien



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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-Gal4 (*P. asymbiotica*)

Item No. 36394

Overview and Properties

| | |
|--------------------------|---|
| Synonym: | RPL-Gal4 |
| Source: | Recombinant His-tagged <i>P. asymbiotica</i> RPL-Gal4 expressed in <i>E. coli</i> |
| Molecular Weight: | 14.595 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-Gal4 (RPL-Gal4) is a *P. asymbiotica* lectin expressed in and purified from *E. coli*. It is a tetramer under physiological conditions and selectively binds to glycoproteins containing terminal β -linked galactose, N-acetyllactosamine (LacNAc), and Lewis X (Le^X) groups. RPL-Gal4 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-Gal4 to the desired working concentration (≤ 20 $\mu\text{g/ml}$). Following dilution, incubate RPL-Gal4 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
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