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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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Recombinant Profilin-1

CLPRO2283
CLPRO2283-2
CLPRO2283-3

Introduction: Profilin-1 (Bet v 2.0101) binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin-1 averts the polymerization of actin, whereas it augments it at low concentrations. By binding to PIP2, Profilin-1 inhibits the creation of IP3 and DG.

Description: Recombinant Profilin-1 produced in E.coli is a non-glycosylated, polypeptide chain having a calculated molecular mass of 15,625 Dalton. Bet v 2.0101 is expressed with a 10xHis tag at N-terminus and purified by proprietary chromatographic techniques.

Synonyms: Profilin-1, Allergen Bet v II, Pollen allergen Bet v 2, Bet v 2, BETVII, Bet v 2.0101.

Source: Escherichia Coli.

Presentation: 50 µg (**CLPRO2283**), 100 µg (**CLPRO2283-2**), or 1 mg (**CLPRO2283-3**), sterile filtered clear solution. Bet v 2.0101 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea.

Stability: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Purity: >80% as determined by SDS-PAGE.

Immunological Functions:

1. Binds IgE type human antibodies.
2. Immunodot test with positive/negative sera panels.

Laboratory Reagent For Research Use Only

MW 04/30/20

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