
Product Data Sheet

Product Name: Bet v 2.0101

Cat. No.: GP25135

Batch No.: 1

Product Data

Purity >98%

Source Escherichia Coli.

Physical
Appearance solid

Shipping
Condition Shipped with Ice Packs.

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

Formulation Bet v 2.0101 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea.

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA