

## 32-13529: Bet v 2.0101

**Alternative Name :** Profilin-1, Allergen Bet v II, Pollen allergen Bet v 2, Bet v 2, BETVII, Bet v 2.0101.

### Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

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 PIP<sub>2</sub>, Profilin-1 inhibits the creation of IP<sub>3</sub> and DG.

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.

### Product Info

<b>Amount :</b>	50 µg / 100 µg
<b>Purification :</b>	Greater than 80.0% as determined by SDS-PAGE.
<b>Content :</b>	Bet v 2.0101 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea.
<b>Storage condition :</b>	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.