



## Bet v 2.0101 (full length) [His] (DAGK-008)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	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.
<b>Purity</b>	> 80%, based on SDS PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Western blot with human sera.
<b>Molecular Weight</b>	15,625 Dalton
<b>Endotoxin</b>	Tested by LAL (Limulus Amoebocyte Lysate) chromogenic endotoxin assay.
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	50 µg, 1 mg
<b>Buffer</b>	Neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent.
<b>Preservative</b>	None
<b>Storage</b>	-70°C or below. Repeated freeze/thaw cycles should be avoided.

### BACKGROUND

<b>Introduction</b>	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.
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**Keywords**

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

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