

Get started with Vertis™ PB Pea

July 2025

dsm-firmenich 

Vertis™ PB Pea Gel (36–40%)

Vertis™ PB Pea (5%)
+ protein (1–5%) + water* (30%)

High
shear
mix

IMPORTANT!



Use high shear mixer: Stephan, Magimix, Robot coupe, or industrial bowl chopper.



Use ice-cold water to maintain a temperature of max 22°C by end of mixing / cutting.



Continue mixing for approx. 5 min till smooth and glossy. For lab trials scrape the sides after 1 minute.

TVP mix (60–64%)

Water* for TVP +
colorant

Mix

TVP

Soak

Vegetable oil or fat

Mix

Other ingredients
(flavors, fibers, etc.)

Mix

Mixing

Forming
dough into
desired shape

Gel setting options

1 Refrigerate

2 Freeze directly

3 Pre-cook



*Total amount of water in the starting recipe should be about 55–60%.