

Ves v 5

a_vesv5.pdf

Characteristics of the component

Allergenicity

Origin (Linnean)

Vespula

Origin (English)

Yellow jacket

Link to the web

<http://www.allergenius.it/doc/vespula.pdf>

Family

Not classified

MW 34K

Link to the web

Aminoacids 228

Sub-family

Not classified

Link to the web

MEISGLVYLIIIVTIIDLPHYGKANNYCKIKCLK
GGVHTACKYGSCLKPNCGNKVVVSYGLTK
QEKQDILKEHNDFRQKIARGLETRGNPGP
QPPAKNMKNLVWDELAYVAQVWANQC
QYGHDTCRDVAKYQVGQNVALTGSTAAK
YDDPVKLVKMWEDEVKDYNPKKKFSGND
FLKTGHYTQMVWANTKEVGCOSIKYIQEK
WHKHVLCNYGPGSNFMNEELYQTK

Natural / Recombinant

Recombinant

Type

Venom

Biochemistry

Phospholipase A1B

Chemistry

Phospholipase A1B

Reactivity

Genuine (specific)

Cross/pan component

No

Food

No

Of 31 wasp-allergic patients, who showed increased expression of the basophil activation marker CD203c after stimulation with crude wasp venom extract, 17 (55%) showed increased expression of CD203c after stimulation with purified Ves v 1.

Acidity Susceptibility

Not relevant

Heat Susceptibility

Not relevant

Digestion Susceptibility

Not relevant