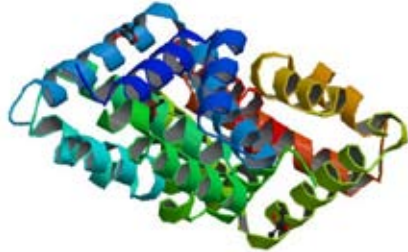




Recombinant

Food/ Inhalant



Order Code	Name	Common Name	Taxonomic	Sequence Homology
BAG2-ZEAM12	Zea m 12	Maize profilin	Zea mays	Mal d 4; Mer a 1; Mus xp 1; Ole e 2; Ory s 12; Par j 3; Phl p 12; Pho d 2; Pru av 4
BAG2-TRIA12	Tri a 12	Wheat profilin	Triticum aestivum	Bet v 2; Phl p 12; Zea m 12
BAG2-FELD1	Fel d 1	Cat major allergen	Felis domesticus	Leo p 1; Lep se 1; Nyc c 1; Pan l 1; Pan o 1; Pan t 1; Pan un 1; Pum c 1
BAG2-MALD1	Mal d 1	Apple major allergen		

Further detailed information about recombinant allergens can be found on www.allergome.com

Bühlmann AG tested several different recombinant allergens like Bet v1a, Bet v2, Phl p1, Phl p5, Phl p12 in the different cellular CAST Assays. Due to patent restrictions, customer has to order these allergens directly from the producers (i.e. Allergopharma, Biomay, BioIndoors etc.). The concentration of allergens in cell stimulation mentioned below can be regarded as a general proposition for recombinant allergens.

Instruction for use Use a fresh allergen vial each time a new stimulation is performed
Dissolve the allergen prior to use as follows:
Add 240 µl of Stimulation Buffer to vial, vortex briefly
we recommend to stimulate the cells with different dilutions; e.g.:
1:100 diluted allergen solution (Mix 10 µl of allergen solution with 990 µl of stimulation buffer)
1:1000 diluted allergen solution (Mix 100 µl of allergen dilution with 900 µl of stimulation buffer)

n Stimulation Up to 4 stimulations could be run with 1 allergen vial

Storage Store unopened allergens at 2-8°C until exp. date

	CAST®-2000	Flow-CAST®	Flow-CAST®
Content per vial 0.25 µg/ml			
Conc. in vial 1 µg/ml			
Recommened Conc. in stimulation 1:100 dilution 1:1000 dilution	2 ng/ml 0.2 ng/ml	5 ng/ml 0.5 ng/ml	2.25 ng/ml 0.25 ng/ml
Cut-off	≥ 200 pg/ml	≥15% CD 63+	≥15% CD 63+

CAST®-Allergens are intended for in vitro leucocyte stimulation in the CAST®-Assays.

For Research use only