

Product Data Sheet



Product number **G008**
Revision number **RN3.0**

Product Name Omega-5 gliadin

Synonym Recombinant ω -5-gliadin, fast omega Gliadin

Source Recombinant produced in *E. coli*

Quantity 500 μ g

Molecular Weight 53 kDa

Description ω -5-gliadin, a storage protein in wheat grains, is a major allergen in wheat-dependent, exercise-induced anaphylaxis (WDEIA). For recombinant production in *E. coli* the whole gene from *Triticum aestivum* was cloned. ω -5-gliadin is purified to more than 95% by extraction and chromatographic techniques.

Appearance Liquid.

Reagents The ω -5-gliadin is stabilized in 35% ethanol and 10% glycerol

Purity > 95 % (visually by SDS-PAGE)

Storage Store at 15 - 30°C.
Delivery is possible at ambient temperature

Release date 17 December 2021

NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.