

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 <i>E. coli</i>
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 <i>E. coli</i> the whole gene from <i>Triticum aestivum</i> 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. <i>Delivery is possible at ambient temperature</i>
Release date	17 December 2021
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.