
Product Data Sheet

Product Name: Gliadin Native

Cat. No.: GP26292

Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition withIcePacks

Formulation Gliadin is supplied in 20mM HEPES buffer pH-7.4 and 6M Urea.

Introduction

Gliadin is a common substrate of transglutaminase, which generates neo-epitopes by deamidation of glutamine side chains. In the past, serologic tests for gliadin antibodies usually were not very precise and were not enough for accurate diagnosis due to missing deamidated epitopes within the authentic gliadin fraction traditionally used in diagnostic test kits. ProSpec's deamidated Gliadin isoform matches to the deamidated neo-epitopes, which in the natural antigen are formed by transglutaminase-mediated glutamine side chain deamidation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

The native Gliadin Triticum Aestivum Grain is purified from wheat by protein chemical methods.

Caution: Product has not been fully validated for medical applications. For research use only.

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