

Wheat Gliadin Gamma 18.6kDa Recombinant Protein



RPPB3602

Product Information Protein Information

Product SKU:

RPPB3602

Host:

Escherichia Coli.

Protein description:

Gliadin is a cDNA coding for an epitope-carrying fragment of a wheat gamma-gliadin isoform, having a molecular mass of 18,616 Dalton (high proline content and the low pI are likely causes for the observed discrepancy between calculated molecular weight and the observed electrophoretic mobility of approx. 47 kDa on standard SDS-PAGE), pH 4.6. By sequence design the epitopes correspond to the deamidated neo-epitopes, which in the natural antigen are formed by transglutaminase-mediated glutamine side chain deamidation. Gliadin protein is fused to a hexa-histidine purification tag.

Appearance:

Sterile Filtered clear solution.

Formulation:

Gliadin is supplied in 20mM HEPES buffer pH-8.0, 200mM NaCl, and 20% glycerol.

Purity:

Greater than 94% as determined by SDS-PAGE.

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.