

# Product Data Sheet



Product Number **G009**  
Revision Number **RN2.0**

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<b>Product Name</b>	Alpha2-gliadin, 33mer (aa 56-88)
<b>Application</b>	Gliadin peptide, antigen in Celiac Disease
<b>Molecular Formula</b>	C <sub>190</sub> H <sub>273</sub> N <sub>43</sub> O <sub>47</sub>
<b>Molecular Weight</b>	3911.46
<b>Chemical Structure</b>	H-LQLQPFQPQLPYPQPQLPYPQPQLPYPQPQPF-OH
<b>Purity by HPLC</b>	>95 % (214 nm)
<b>Solubility</b>	2 mg/ml (0.51 mM) in PBS buffer
<b>Appearance</b>	Off white solid
<b>Storage</b>	Store at -20°C, desiccate
<b>Related Products</b>	G001 Alpha2-gliadin, 33mer (aa56-88), biotinylated G002 Deamidated alpha2-gliadin, 33mer (aa56-88), biotinylated G011 Deamidated alpha2-gliadin, 33mer, (Acetyl-aa56-88-amide, <u>Q65E</u> ) G005 DGPx4 (Fusion protein of 4 deamidated gliadin peptides) G006 DGPx2 (Fusion protein of 2 deamidated gliadin peptides) G007 DGPx1 (deamidated gliadin peptide) P004 PT-Gluten
<b>Reference(s)</b>	Qiao, S-W. <i>et al. J. Immunol.</i> <b>2004</b> , 173, 1757.
<b>Release date</b>	20 December 2021
<b>NOTE</b>	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.