

# Product Data Sheet



Product number **G003**  
Revision number **RN3.0**

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<b>Product Name</b>	Ac-PLQPEQPFPPK( $\epsilon$ -Biotin), Deamidated gliadin peptide
<b>Quantity</b>	10 mg
<b>Application</b>	Biotinylated deamidated gliadin peptide, antigen in Celiac Disease
<b>Molecular Formula</b>	C <sub>68</sub> H <sub>101</sub> N <sub>15</sub> O <sub>18</sub> S
<b>Molecular Weight</b>	1448.68
<b>Purity by HPLC</b>	>95 % (220 nm)
<b>Solubility</b>	1 mg/ml in aqueous buffers (e.g. 20 mM Tris-HCl pH 7.4, 150 mM NaCl)
<b>Appearance</b>	White solid
<b>Storage</b>	Store at -20°C, desiccate
<b>Related products</b>	G004 Ac-PEQLPQFEEK( $\epsilon$ -Biotin), Deamidated gliadin peptide 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>	Schwartz E. <i>et al. Clin Chem.</i> <b>2004</b> , <i>50</i> , 2370.
<b>NOTE</b>	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.