

Product Data Sheet



Product number **G004**
Revision number **RN3.0**

Product Name	Ac-PEQLPQFEEK(ϵ -Biotin), Deamidated gliadin peptide
Quantity	10 mg
Application	Biotinylated deamidated gliadin peptide, antigen in Celiac Disease
Molecular Formula	C ₆₈ H ₁₀₁ N ₁₅ O ₂₂ S
Molecular Weight	1512.68
Purity by HPLC	>90 % (220 nm)
Solubility	1 mg/ml in aqueous buffers (e.g. 20 mM Tris-HCl pH 7.4, 150 mM NaCl)
Appearance	White solid
Storage	Store at -20°C, desiccate
Related products	G003 Ac-PLQPEQPFPK(ϵ -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
Reference(s)	Schwartz E. <i>et al. Clin Chem.</i> 2004 , <i>50</i> , 2370.
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.