

Product Number **G013**
Revision Number **RN1.0**

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| Product Name | QPFQP <u>Q</u> LPYPQPQ-amide |
| Synonym | PepQ, alpha2-gliadin aa 60-73 |
| Application | Gliadin peptide, antigen in Celiac Disease |
| Molecular Formula | C ₇₉ H ₁₁₄ N ₂₀ O ₂₀ |
| Molecular Weight | 1663.88 |
| Purity by HPLC | >95 % (220 nm) |
| Solubility | 1 mM in aqueous buffers |
| Appearance | White solid |
| Storage | Store at -20°C, desiccate |
| Related Products | G014 QPFQP <u>E</u> LPYPQPQ-amide, PepE, deamidated alpha2-gliadin, aa 60-73 G001 Alpha2-gliadin, 33mer (aa56-88), biotinylated G002 Deamidated alpha2-gliadin, 33mer (aa56-88), biotinylated G009 Alpha2-gliadin, 33mer (aa 56-88) 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 |
| Reference(s) | Heil, A. <i>et al. J. Cereal Sci.</i> 2016 , <i>70</i> , 47-56. Skovbjerg, H. <i>et al. Biochim. Biophys. Acta</i> 2004 , <i>1690</i> , 220e230. |
| Release date | 10 February 2022 |
| NOTE | INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS. |