

Product Data Sheet



Product Number **G057**
Revision Number **RN2.0**

Product Name Alpha2-gliadin, 33mer (aa56-88), TAMRA labeled

Application TAMRA labeled gliadin peptide, antigen in Celiac Disease

Molecular Formula $C_{215}H_{293}N_{45}O_{51}$

Molecular Weight 4323.90

Chemical Structure TAMRA-LQLQPFPPQPQLPYPQPQLPYPQPQLPYPQPQPF-OH

Purity by HPLC >95 % (220 nm)

Solubility 2 mg/ml in aqueous buffers

Appearance Purple solid

Storage Store at -20°C, protect from light, desiccate

Related Products
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, [Q65E](#))
G005 DGPx4 (Fusion protein of 4 deamidated gliadin peptides)
G006 DGPx2 (Fusion protein of 2 deamidated gliadin peptides)
G007 DGPx1 (deamidated gliadin peptide)
G058 Alpha2-gliadin, 33mer (aa56-88), TAMRA and Biotin labeled
P004 PT-Gluten

Reference(s)
Qiao, S-W. *et al. J. Immunol.* **2004**, *173*, 1757.
Galipeau *et al. Am. J. Gastroenterol.* **2014**, *109*, 748.

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