

Product Data Sheet



Product number **B008**
Revision number **RN2.0**

Product Name	Tissue transglutaminase (TG2)-substrate-peptide T26
Synonym	Biotinyl-HQSYVDPWMLDH
Application	Transglutaminase specific glutamine donor substrate
Molecular Formula	C ₇₉ H ₁₀₈ N ₂₀ O ₂₂ S ₂
Molecular Weight	1753.95
Purity by HPLC	>95 % (220 nm)
Solubility	stock solution: 100 mM in DMSO concentration (assay): 500 µM
Appearance	white powder
Storage	store at -20°C, desiccate
Related products	T002 Human tissue transglutaminase B007 Biotinyl-YEQHKLPSSWPF B009 Biotinyl-PPPYSFYQSRWV B010 Biotinyl-DQMMLPWPAVAL
Reference(s)	Sugimura, Y. <i>et al. J. Biol. Chem.</i> 2006 , 281, 17699. Sugimura, Y. <i>et al. FEBS J.</i> 2008 , 275, 5667. Yamane, A. <i>et al. FEBS J.</i> 2010 , 277, 3564. Schulze-Krebs, A. <i>et al. Brain Res.</i> 2016 , 1631, 22. van der Wildt, B. <i>et al. Nucl. Med. Biol.</i> 2016 , 43, 232. Itoh, M. <i>et al. J. Histochem. Cytochem.</i> 2013 , 61, 793.
Release date	29 November 2021
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.