

TGM2 抗原（重组蛋白）

中文名称：TGM2 抗原（重组蛋白）

英文名称：TGM2 Antigen (Recombinant Protein)

别名：Transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase); TG2; TGC; GNAH; G-ALPHA-h

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human TGM2

技术规格：

Full name:	Transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
Synonyms:	TG2; TGC; GNAH; G-ALPHA-h
Swissprot:	P21980
Gene Accession:	BC003551
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene

ne acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene.