

## OriGene Technologies Inc.

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## OriGene EU

PA1375XC

## **Acris Antibodies GmbH**

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## Human Transglutaminase-2 (TGM2) - Purified

Alternate names: Protein-glutamine gamma-glutamyltransferase 2, TGase C, TGase-H, Tissue

transglutaminase

Catalog No.: PA1375XC

Quantity: 1 mg

Concentration: 100µg/ml
Uniprot ID: P21980

NCBI: NP 004604.2

GenelD: 7052
Species: Human

Source: E. coli, E.coli

Format: State: Liquid purified Protein

Buffer System: 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol

**Applications:** ELISA.

Inhibition Assays. Western Blotting. Biological assays.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

**Description:** Transglutaminase-II is an enzyme from different species containing 685-691 amino acids

with 77-85kDa molecular mass, encoded by messages of 3.6kb to 3.9kb. TGASE-II is implicated in programmed cell death, signal transduction, drug-resistance, cell growth, endocytosis, insulin secretion, cell adhesion, cataract formation, and wound healing.

Biological Activity: This protein has biological transglutaminase activities

Molecular weight: 101-109kDa

Storage: Store the protein at -20°C.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

