

32-8398: Recombinant Mouse Transglutaminase 2/TGM2 (C-6His)

Gene : Tgm2
Gene ID : 21817
Uniprot ID : P21981

Description

Source: Human Cells.
MW :78kD.

Recombinant Mouse Transglutaminase 2 is produced by our Mammalian expression system and the target gene encoding Ala2-Ala686 is expressed with a 6His tag at the C-terminus. Protein-glutamine gamma-glutamyltransferase 2 (TGM2) is a 78-kDa, calcium dependent enzyme, it belongs to the transglutaminase superfamily and transglutaminase family. The protein encoded by this TGM2 gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. TGM2 is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 20% Glycerol, pH7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : AEELLERC DLEIQANGRDHHTADLCQEKLVLRRGQRFRLTLYFEGRGYEASVDSLTFGAVTGPDPSEEAGTKA
RFSLSDNVEEGSWSASVLDQQDNVLSLQLCTPANAPIGLYRLSLEASTGYQGSSFVLGHFILLYNWCPADDVY
LDSEEEERREYVLTQQGFYQGSVKFIKSVPWNFQGFEDGILDTCMLLDMNPKFLKNRSRDCSRRSSPIYVGRV
VSAMVNCNDDQGVLLGRWDNNYGDGSPMAWIGSVDILRRWKEHGCQVKYGCWVFAAVACTVLRCLGI
PTRVVTNYS AHDQNSNLLIEYFRNEFGELESNKSEMIWNFHCWVESWMTRPDLQPGYEGWQAIDPTPQEK
EGTYCCGPVSVRAIKEGDLSTKYDAPFVFAEVNADVVDWIRQEDGSVLKINRSLVVGQKISTKSVGRDDREDI
THTYKYPEGSPEEREVFTKANHLNKLAEKEETGVAMRIRVGDMSMGNDFDVFAHIGNDTSETRECRLLLCAR
TVSYNGVLGPECGTEDINLTDLPYSENSIPLRILEYKYSGLTESNLIKVRGLLIEPAANSYLLAERDLYLENPEIKIR
VLGEPKQNRKLVAEVSLKNPLSDPLYDCIFTVEGAGLTKEQKSVEVSDPVPAGDLVKARVDLFPDITGLHKLTVN
FQCDKLSVKGYRNVIIGPAVDHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.