

Mouse TGM2 Recombinant Protein



RPPB2315

Product Information Protein Information

Product SKU:

RPPB2315

Accession:

P21981

Host:

E.coli.

Protein description:

TGM2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 709 amino acids (1-686 a.a) and having a molecular mass of 79.4kDa. TGM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Protein-glutamine gamma-glutamyltransferase 2, G[a]h, TG2, TGase2, tTG, tTGas, Protein-glutamine gamma-glutamyltransferase 2, Tissue transglutaminase, Transglutaminase C.

Formulation:

TGM2 protein solution (0.5mg/ml) in Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMAEELL ERCDLEIQAN GRDHHTADLC QEKLVLRRGQ RFRLTYFEG
RGYEASVDSL TFGAVTGPDPEEAGTKARF SLSDNVEEGS WSASVLDQQD NVLSLQLCTP ANAPIGLYRL
SLEASTGYQG SSFVLGHFIL LYNAWCPADD VYLDSEEERR EYVLTQQGFI YQGSVKFIKS VPWNFGQFED
GILDTCLMLL DMNPKFLKNR SRDCSRRSSP IYVGRVVSAM VNCNDDQGV LGRWDNNYGD GISPMAWIGS
VDILRRWKEH GCQQVKYGQC WVFAAVACTV LRCLGIPTRV VTNYNSAHDQ NSNLLIEYFR NEFGELESNK
SEMIWNFHCW VESWMTRPDL QPGYEGWQAI DPTPQEKSEG TYCCGPVSVR AIKEGDLSTK YDAPFVFAEV
NADVVDWIRQ EDGSVLKSIN RSLVVGQKIS TKS VGRDDRE DITHTYKYPE GSPEEREVFT KANHLNKLAE
KEETGVAMRI RVGDSMSMGN DFDVFAHIGN DTSETRECL LCARTVSYN GVLGPECGTE DINLTLDPYS
ENSIPLRILY EKYSGLCTES NLIKVRGLLI EPAANSYLLA ERDLYLENPE IKIRVLGEPK QNRKLVAEVS LKNPLSDPLY
DCIFTVEGAG LTKEQKSVEV SDPVPAGDLV KARVDLFTPD IGLHKLNVNF QCCLKLSVKG YRNVIIGPA.