

Product datasheet for TP522936

Tgm2 (NM_009373) Mouse Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse transglutaminase 2, C polypeptide (Tgm2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR222936 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MAEELLERCDDLEIQANGRDHHTADLDCQEKLVLRGQRFRLTLYFEGRGYEASVDSLTFGAVTGPDPSEE AGTKARFSLSDNVEEGSWSASVLDQQDNVLSLQLCTPANAPIGLYRLSLEASTGYQGSSFVLGHFILLYN AWCPADDVYLDSEERREYVLTQQGFIYQGSVKFIKSVPNWFGQFEDGILDTCLMLLDMPKFLKNRSRD CSRRSSPIYVGRVVSAMVNCNDDQGVLLGRWDNNYGDGSPMAWIGSVDILRRWKEHGCQQVKYQCWVF AAVACTVLRCLGIPTRVWTNYSAHDQNSNLLIEYFRNEFGELESNKSEMIWNFHCWVESWMTRPDLQPG YEGWQAIDPTPQEKSEGTYCCGPVSVRAIKEGDLSTKYDAPFVFAEVNADVVDWIRQEDGSVLKSINRSL VWGQKISTKSVGRDDREDITHYKYPEGSPPEEREVFTKANHLNKLAEKEETGVAMRIRVGDSMSMGNDFF VFAHIGNDTSETRECRLLLCARTVSYNGVLGPECGTEDINLTDLPYSENSIPLRILYKESGCLTESNLI KVRGLLIEPAANSYLLAERDLYLENPEIKIRVLGEPKQNRKLVAEVSLKNPLSDPLYDCIFTVEGAGLTK EQKSVEVSDPVPAGDLVKARVDLFPDIDLHKLNVNFQCDKLSVKGYRNVIIGPA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-MYC/DDK |
| Predicted MW: | 77.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |



[View online »](#)

| | |
|---------------|---|
| RefSeq: | <u>NP_033399</u> |
| Locus ID: | 21817 |
| UniProt ID: | <u>P21981</u> |
| RefSeq Size: | 3549 |
| Cytogenetics: | 2 78.72 cM |
| RefSeq ORF: | 2061 |
| Synonyms: | G[a]h; TG2; TGase2; tTG; tGGas |
| Summary: | Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. [UniProtKB/Swiss-Prot Function] |