

Product datasheet for PH313082

Transglutaminase 7 (TGM7) (NM_052955) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TGM7 MS Standard C13 and N15-labeled recombinant protein (NP_443187)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213082
Predicted MW:	79.8 kDa
Protein Sequence:	>RC213082 representing NM_052955 Red =Cloning site Green =Tags(s) MDQVATLRLESVDLQSSRNKEHHTQEMGVKRLTVRRGQPFYLRLSFSRPFQSQNDHITFVAETGPKPSE LLGTRATFFLTRVQPGNVWSASDFTIDSNSLQVSLFTPANAVIGHYTLKIEISQGGHVSVTYPLGTFILL FNPWSPEDDVYLPSEILLQEYIMRDYGFVYKGERFITSWPWNYGQFEEDIIDICFEILNKSlyHLKNPA KDCSQRNDVVYCRVVSAMINSNDNGVLQGNWGEDYSKGVSPLEWKGSVAIQQWSARGGQPVKYGQCW VFASVMCTVMRCLGVPTRVVSNFRSAHNVDRNL TIDTYDRNAEMLSTQKRDKIWNFHVWNECWMIRKDL PPGYNGWQVLDPTPQQTSSGLFCCGPASVKAIREGDVHLAYDTPFVYAEVNADEVIWLLGDGQAQEILAH NTSSIGKEISTKMVGSDQRQSITSSYKYPEGSPEERAVFMKASRKMLGPQRASLPFLDLLESGGLRDQPA QLQLHLARIPWQDLQLLLRIQRVPDSTHPRGPIGLVVRFCAQALLHGGGTQKPFWRHTVRMNLDFGKE TQWPLLLPYSNYRNKLTDEKLIRVSGIAEVEETGRSMLVLKIDICLEPPLHSIEVSERAEVGKALRVHVTL TNTLMVALSSCTMVLGSLINGQIAKDLGTLVAGHTLQIQLDLYPTKAGPRQLQVLISSNEVKEIKGYK DIFVTVAGAP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_443187</u>



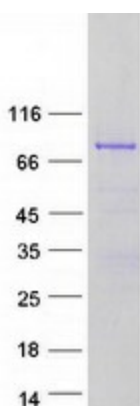
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RefSeq Size: 2312
RefSeq ORF: 2130
Synonyms: TGMZ
Locus ID: 116179
UniProt ID: [Q96PF1](#)
Cytogenetics: 15q15.2-q15.3

Summary: Transglutaminases (TGM; EC 2.3.2.13) are a family of structurally and functionally related enzymes that stabilize protein assemblies through the formation of gamma-glutamyl-epsilon lysine crosslinks. For additional background information on transglutaminases, see TGM1 (MIM 190195).[supplied by OMIM, Jul 2002]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified TGM7 protein (Cat# [TP313082]). The protein was produced from HEK293T cells transfected with TGM7 cDNA clone (Cat# [RC213082]) using MegaTran 2.0 (Cat# [TT210002]).