



Recombinant Human Protein-glutamine gamma-glutamyltransferase 4 (TGM4)

Product Code	CSB-EP023464HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49221
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MMDASKELQVLHIDFLNQDNAVSHHTWEFQTSSPVFRRGQVFHLRLVLNQPL QSYHQLKL EFSTGPNPSIAKHTLVVLDPRTPSDHYNWQATLQNESGKEVTVAVTSSPNAIL GKYQLNV KTGNIHILKSEENILYLLFNPWCKEDMVMPDEDERKEYILNDTGCHYVGAARSI KCKPWN FGQFEKNVLDCCISLLTESSLKPTDRRDPVLVCRAMCAMMSFEKGQGV LIGN WTGDYEGG TAPYKWTGSAPILQQYYNTKQAVCFGQCWVFAGILTTVLRALGIPARSVTGFD SAHDTER NLTVDTYVNEGENEKITSMTHDSVWNFHVWTDAWMKRPDLPGYDYGWQAVD ATPQERSQGV FCCGPSPLTAIRKGDIFIVYDTRFVFSEVNGDRLIWLVKMVNGQEELHVISMET TSIGKN ISTKAVGQDRRRDITYEYKYPEGSSEERQVMDHAFLLLSSEREHRRPVKENFL HMSVQSD DVLLGNSVNFTVILKRKTAALQNVNII LGSFELQLYTGKKMAKLCDLNKTSQIQG QVSEVT LTLDSKTYINSLAILDDEPVIRGFIIAEIVESKEIMASEVFTSFQYPEFSIELPNTGR IG QLLVCNCIFKNTLAIPLTDVKFSLESLSLQTS DHGTVQPGETIQSQIKCTPIK TGPK KFIVKLSSKQVKEINAQKIVLITK</p>
Source	E.coli
Target Names	TGM4
Protein Names	Recommended name: Protein-glutamine gamma-glutamyltransferase 4 EC= 2.3.2.13 Alternative name(s): Fibrinolytic Prostate transglutaminase Prostate-specific transglutaminase Transglutaminase P Short name= TG(P) Short n
Expression Region	1-684
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.