

Datasheet for ABIN1322640
TGM4 Protein (AA 1-684) (GST tag)



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Overview

Quantity:	10 µg
Target:	TGM4
Protein Characteristics:	AA 1-684
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGM4 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	TGM4 (Human) Recombinant Protein (P01)
Sequence:	<p>MMDASKELQV LHIDFLNQDN AVSHHTWEFQ TSSPVFRRGQ VFHLRLVLNQ PLQSYHQLKL EFSTGPNPSI AKHTLVVLDP RTPSDHYNWQ ATLQNESGKE VTVAVTSSPN AILGKYQLNV KTGHNHILKSE ENILYLLFNP WCKEDMVFMP DEDERKEYIL NDTGCHYVGA ARSIKCKPWN FGQFEKNVLD CCISLLTESS LKPTDRRDPV LVCRAMCMM SFEKGQGVLI GNWTGDYEGG TAPYKWTGSA PILQYYNTK QAVCFGQCWV FAGILTTVLR ALGIPARSVT GFDSAHDTER NLTVDITYVNE NGEKITSMTM DSVWNFHVWT DAWMKRPDLP KGYDQWQAVD ATSQERSQGV FCCGPSPLTA IRKGDIFIVY DTRFVFSEVN GDRLIWLVKM VNGQEELHVI SMETTSIGKN ISTKAVGQDR RRDITYEYKY PEGSSEERQV MDHAFLLLSS EREHRRPVKE NFLHMSVQSD DVLLGNVSNF TVILKRKTAALQNVNVLGSLQLYTGKKM AKLCDLNKTS QIQGQVSEVT LTLDSKTYIN SLAILDDEPV IRGFIAEIV ESKEIMASEV FTSFQYPEFS IELPNTGRIG QLLVCNCIFK NTLAIPLTDV KFSLESGLIS SLQTSDHGTV QPGETIQSQI KCTPIKTGPK KFIVKLSSKQ</p>

Product Details

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Characteristics:	Human TGM4 full-length ORF (AAH07003.1, 1 a.a. - 684 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	TGM4
Alternative Name:	TGM4 (TGM4 Products)
Background:	Full Gene Name: transglutaminase 4 (prostate) Synonyms: FLJ26776,TGP,hTGP
Gene ID:	7047

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Jiang, Ye, Sanders, Ruge, Kynaston, Ablin, Mason: "Prostate transglutaminase (TGase-4, TGaseP) enhances the adhesion of prostate cancer cells to extracellular matrix, the potential role of TGase-core domain." in: Journal of translational medicine , Vol. 11, pp. 269, (2014) (PubMed).
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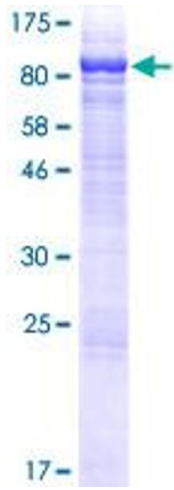


Image 1.