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Datasheet for ABIN1645377 TGM4 Protein (AA 1-667) (His tag)

Overview

Quantity:	1 mg
Target:	TGM4
Protein Characteristics:	AA 1-667
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGM4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MDSRNMLVVY SVNLEKKLNA AAHHTIEYQT QKLVLRRGQI FSLKVMLNRP LQSHDELKLI</p> <p>FNTGHNMPFY TVELDPMTSY RSKGWQVKIA KQSGVEVVLN VISAADAVVG RYTMNVNEFD</p> <p>AGVFFLLFNP WCSDDSVFMA SEEDRAEYVL NDTGYMYMGF AKQIKEKPWT FGQFEKYILN</p> <p>CCFRLLTHLE PKEMQSPVLV SRAICTMMCA ANNFGVLVGN WTDGYSNGTA PYVWASSVPI</p> <p>LQQHYITRMP VRFGQCWWFS GVLTTALRAV GIPARSVTNF ESAHDTEKNL RVDIYLDESG</p> <p>KTIPHLTKDS VWNFHMWTD WVKRQDLPGQ HDGWQVLDST PQEISEGQFR IGPSPVSAIR</p> <p>QGLVQIMYDT TFFVTEVNGD KYIWLVKQNG EREKNVLIIV ETASIGKNIS TKMVGENRRQ</p> <p>DITLHYKFPE GSPEERKAME KASGKRPDDK LNSRTLHISV LQNSVELGHP INLTIVLKRK</p> <p>TATPQNVNIS CSLDLQTYTG NKKTNLGVQI KTVQIQGQES EVSLSMDSSF YIYKLG MVDD</p> <p>EMVIKGFIIA EIVDSGERVA TDTTLCFLYS AFSVEMPSTS KVNQPLTITC NFKNTLPIPL</p> <p>TNIKFSVESL GLNNMKSWEQ ETVPPGKTIN FQIECTPVKT GPRKFIVKFI SRQVKEVHAE KVVLTIK</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: TGM4

Alternative Name: Protein-Glutamine gamma-Glutamyltransferase 4 (Tgm4) ([TGM4 Products](#))

Background: Recommended name: Protein-glutamine gamma-glutamyltransferase 4.
EC= 2.3.2.13.
Alternative name(s): Dorsal prostate transglutaminase Dorsal protein 1.
Short name= DP1 Transglutaminase-4.
Short name= TGase-4

UniProt: [Q99041](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.