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## Datasheet for ABIN7198224 **TXNDC17 Protein**

### Overview

Quantity:	100 µg
Target:	TXNDC17
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human TXNDC17/TRP14/TXNL5 Protein
Sequence:	Met 1-Asp 123
Characteristics:	A DNA sequence encoding the mature form of human TXNDC17 (Q9BRA2) (Met 1-Asp 123) was expressed and purified, with an initial Met.
Purity:	> 97 % as determined by reducing SDS-PAGE.

### Target Details

Target:	TXNDC17
Alternative Name:	TXNDC17//TXNL5 ( <a href="#">TXNDC17 Products</a> )
Background:	Background: Cell surface A33 antigen, also known as glycoprotein A33, is a single-pass type I membrane protein which is expressed in normal gastrointestinal epithelium and in 95% of colon cancers. GPA33 contains one Ig-like C2-type (immunoglobulin-like) domain and one Ig-like V-type (immunoglobulin-like) domain. The open reading frame encodes a 319-amino acid polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The

## Target Details

predicted mature protein has a 213-amino acid extracellular region, a single transmembrane domain, and a 62-amino acid intracellular tail. Intracellular traffic and recycling to the cell surface appear to play a major role in GPA33 function and to have an influence on its surface density superseding translational regulation. GPA33 has become a promising target of immunologic therapy strategies, but its biologic function and potential role in tumorigenesis are unknown. EpCAM protein and GPA33 mRNA expressions are specific and sensitive markers of Barrett's metaplasia (BM). GPA33 may also play a role in cell-cell recognition and signaling. Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy  
Synonym: TRP14;TXNL5

Molecular Weight: 13.9 kDa

UniProt: [Q9BRA2](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.