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## Datasheet for ABIN7317264 TMEM27 Protein (Fc Tag)

Overview



Overview	
Quantity:	100 µg
Target:	TMEM27
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM27 protein is labelled with Fc Tag.
Product Details	
Purpose:	Recombinant Human TMEM27 Protein (Fc Tag)
Sequence:	Met 1-Pro141
Characteristics:	A DNA sequence encoding the human TMEM27 (Q9HBJ8) (Met1-Pro141) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per $\mu$ g as determined by the LAL method.

## Target Details

Target:	TMEM27
Alternative Name:	TMEM27 (TMEM27 Products)
Background:	Background: TMEM27 is a membrane protein. It has been proposed as a beta cell mass biomarker since it is cleaved and shed by pancreatic beta cells. Overexpression of TMEM27
	leads to increased thymidine incorporation, whereas silencing of Tmem27 using RNAi results in

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	a reduction of cell replication. Furthermore, transgenic mice with increased expression of Tmem27 in pancreatic beta cells exhibit increased beta cell mass. TMEM27 is also important for trafficking amino acid transporters to the apical brush border of proximal tubules. Synonym: NX-17,NX17
Molecular Weight:	41.4 kDa
UniProt:	Q9HBJ8
Application Details	
Restrictions:	For Research Use only
Handling	
Handling Format:	Lyophilized
	Lyophilized Please refer to the printed manual for detailed information.
Format:	
Format: Reconstitution:	Please refer to the printed manual for detailed information.