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Datasheet for ABIN7317203 TMEM25 Protein (His tag)

Overview

Quantity:	100 µg
Target:	TMEM25
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM25 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TMEM25 Protein (His Tag)
Sequence:	Met 1-Pro224
Characteristics:	A DNA sequence encoding the human TMEM25 (AAH51841.1) (Met1-Pro224) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TMEM25
Alternative Name:	TMEM25 (TMEM25 Products)
Background:	Background: TMEM25 is a novel member of the immunoglobulin superfamily. Immunoglobulin superfamily members are implicated in immune responses, growth factor signaling, and cell adhesion. TMEM25 contains 1 Ig-like (immunoglobulin-like) domain and is a target of

Target Details

pharmacogenomics in the field of oncology and regenerative medicine. TMEM25 isoform 1, consisting of exons 1-9, encoded a 366-aa transmembrane protein. TMEM25 isoform 2, consisting of exons 1-4 and 6-9, encoded a 322-aa secreted protein. TMEM25 mRNA was expressed in brain, including cerebellar cortex and hippocampus, as well as in neuroblastoma, brain tumors, and gastric cancer. Human TMEM25 gene was located at the 11q23.3 oncogenomic recombination hotspot around the MLL amplicon and the neuroblastoma deleted region.

Synonym: bA83N9.1

Molecular Weight: 22.8 kDa

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.