TMEM156 Protein, Human (HEK293, His)

Cat. No.:	HY-P77244
Synonyms:	Transmembrane protein 156; TMEM156
Species:	Human
Source:	HEK293
Accession:	AAH30803.1 (K26-S211)
Gene ID:	80008
Molecular Weight:	Approximately 35-55 kDa due to the glycosylation

PROPERTIES

AA Sequence	K T P K E R T L E L S C L E V C L Q S N F T Y S L S S L N F S F V T F L Q P V R E T Q I I M R I F L N P S N F R N F T R T C Q D I T G E F K M C S S C L V C E P K G N M D F I S Q E Q T S K V L I R R G S M E V K A N D F H S P C Q H F N F S V A P L V D H L E E Y N T T C H L K N H T G R S T I M E D E P S K E K S I N Y T C R I M E Y P N D C I H I S L H L E M D I K N I T C S
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Transmembrane protein 156 (TMEM156) is a member of transmembrane proteins (TMEM) family. The expression levels of TMEM156 correlates with patient survival. TMEM156 is upregulated in tumor tissue. The expression of TMEM156 shows significant correlation with immune, stromal, and ESTIMATE scores which indicates a strong association between TMEM156 and immune response inside a tumor microenvironment. Many genes positively correlated with TMEM156 are involved in multiple immunological processes. Furthermore, genes negatively correlated with TMEM156 are linked with RHO GTPase effectors, which results in a poorer response to receptor activation, thus reducing cancer cell proliferation, survival, and migration[1].

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA