

TMUB2 Protein, Human (HEK293, His)

Cat. No.:	HY-P77251
Synonyms:	Transmembrane and ubiquitin-like domain-containing protein 2; TMUB2
Species:	Human
Source:	HEK293
Accession:	Q71RG4-2/NP_803190.2 (Y37-S245)
Gene ID:	79089
Molecular Weight:	Approximately 43 kDa due to glycosylation

PROPERTIES

AA Sequence	<p>Y V A D S G S N Q L L G A I V S A G D T S V L H L G H V D H L V A G Q G N P E P</p> <p>T E L P H P S E G N D E K A E E A G E G R G D S T G E A G A G G G V E P S L E H</p> <p>L L D I Q G L P K R Q A G A G S S S P E A P L R S E D S T C L P P S P G L I T V</p> <p>R L K F L N D T E E L A V A R P E D T V G A L K S K Y F P G Q E S Q M K L I Y Q</p> <p>G R L L Q D P A R T L R S L N I T D N C V I H C H R S P P G S A V P G P S A S L</p> <p>A P S A T E P P S</p>
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.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. 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	<p>Transmembrane and ubiquitin-like domain-containing protein 2 (TMUB2) is a poorly characterized TMUB1 paralog. TMUB2 is a part of various ERAD complexes. In addition, it is a component of the membrane that has transmembrane function. TMUB2 is related to TP53 protein expression. TMUB2 expression increases with age in skin, adipose tissue, blood, and brain and is associated with cancer initiation and progression^{[1][2]}.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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