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Datasheet for ABIN7317212 TMUB2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	TMUB2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMUB2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TMUB2 Protein (His Tag)
Sequence:	Tyr37-Ser245
Characteristics:	A DNA sequence encoding the human TMUB2 (NP_803190.2) (Tyr37-Ser245) was expressed with an N-terminal polyhistidine tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	TMUB2
Alternative Name:	TMUB2 (TMUB2 Products)
Background:	Background: STC2 is a secreted, homodimeric glycoprotein which expressed in a wide variety of tissues. STC2 has an anti-hypocalcemic action on calcium and phosphate homeostasis. It may have autocrine or paracrine functions. Its C-terminus contains a cluster of histidine

Target Details

residues which may interact with metal ions. STC2 has 10 of its 15 cysteine residues conserved among stanniocalcin family members and is phosphorylated by casein kinase 2 exclusively on its serine residues. It may play a role in the regulation of renal and intestinal calcium and phosphate transport, cell metabolism, or cellular calcium/phosphate homeostasis.

Synonym: FP2653, TMUB2

Molecular Weight: 24 kDa

NCBI Accession: [NP_803190](#)

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.