

## Product datasheet for PH300137

### TMEM38B (NM\_018112) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TMEM38B MS Standard C13 and N15-labeled recombinant protein (NP_060582)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200137
Predicted MW:	32.5 kDa
Protein Sequence:	>RC200137 protein sequence Red=Cloning site Green=Tags(s)
	<p>MDSPWDELALAFSRTSMFPFFDIAHYLVSVMAVKRQPGAAALAWKNPISWFTAMLHCFGGGILSCLLLA  EPPLKFLANHTNILLASSIWIYITFFCPHDLVSQGYSLPVQLLASGMKEVTRTWKIVGGVTHANSYYKNG  WIVMIAIGWARGAGGTIITNFERLVKGDWKPEGDEWLKMSYPAKVTLGSVIITFQHTQHLAISKHNLMF  LYTIFIVATKITMMTTQTSTMTFAPFEDTLSWMLFGWQQQPFSSCEKKSEAKSPSNGVGSGLASKPVDVASD  NVKKKHTKKNE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_060582</a>
RefSeq Size:	3558
RefSeq ORF:	873
Synonyms:	bA219P18.1; C9orf87; D4Ertd89e; OI14; TRIC-B; TRICB
Locus ID:	55151



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UniProt ID: [Q9NVV0](#)

Cytogenetics: 9q31.2

Summary: This gene encodes an intracellular monovalent cation channel that functions in maintenance of intracellular calcium release. Mutations in this gene may be associated with autosomal recessive osteogenesis. [provided by RefSeq, Oct 2012]

Protein Families: Transmembrane

### Product images:



Coomassie blue staining of purified TMEM38B protein (Cat# [TP300137]). The protein was produced from HEK293T cells transfected with TMEM38B cDNA clone (Cat# [RC200137]) using MegaTran 2.0 (Cat# [TT210002]).