

## Product datasheet for PH309503

### TMEM53 (NM\_024587) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TMEM53 MS Standard C13 and N15-labeled recombinant protein (NP_078863)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209503
Predicted MW:	31.6 kDa
Protein Sequence:	>RC209503 protein sequence Red=Cloning site Green=Tags(s)  MASAELDYTIEIPDQPCWSQKNSPSPGGKEAETRQPVVILLGWGGCKDKNLAKYSATYHKRGCIVIRYTA PWHMVFFSESLGIPSLRVLAQKLELLFDYEIEKEPLL FHVFSNGGVMLYRYVLELLQTRRF CRLRVVGT IFDSAPGDSNLV GALRALAA ILERRAAMLRL LLLVAFALV VVLFHVLLAPITALFH THFYDRLQDAGSRW PELYLYSRADEVVLARDIERMVEARLARRVLARSVDFVSSAHVSHLRDYP TTYTSLCVD FMRNCVRC  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_078863</a>
RefSeq Size:	2379
RefSeq ORF:	831
Synonyms:	NET4
Locus ID:	79639
UniProt ID:	<a href="#">Q6P2H8</a>

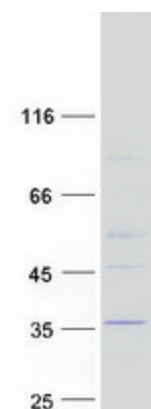


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Cytogenetics: 1p34.1

Protein Families: Transmembrane

### Product images:



Coomassie blue staining of purified TMEM53 protein (Cat# [TP309503]). The protein was produced from HEK293T cells transfected with TMEM53 cDNA clone (Cat# [RC209503]) using MegaTran 2.0 (Cat# [TT210002]).