

## Product datasheet for PH324011

### PEDS1 (NM\_199129) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TMEM189 MS Standard C13 and N15-labeled recombinant protein (NP_954580)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224011
Predicted MW:	31 kDa
Protein Sequence:	>RC224011 representing NM_199129 Red=Cloning site Green=Tags(s)  MAGAEDWPGQQLLEDEDEASCCRWGAQHAGARELAALYSPGKRLQEWCSVILCFSLIAHNLVHLLLLARW EDTPLVILGVVAGALIADFLSGLVHWGADTWGSVELPIVGKAFIRPFREHHIDPTAITRHDFIETNGDNC LVTLLPLLNMAYKFRTHSPEALEQLYPWECFVFCLIIFGTFTNQIHKWSHTYFGLPRWVTLQDWHVILP RKHHRIHHVSPHETYFCITTGWLNYPLEKIGFWRRLEDLIQGLTGEKPRADDMKWAQKIK  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_954580</a>
RefSeq Size:	2187
RefSeq ORF:	810
Synonyms:	CarF; KUA; TMEM189
Locus ID:	387521
UniProt ID:	<a href="#">A5PLL7</a>



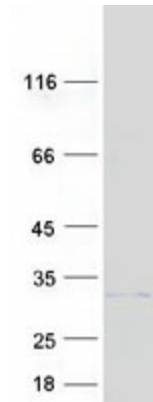
[View online »](#)

**Cytogenetics:** 20q13.13

**Summary:** Co-transcription of this gene and the neighboring downstream gene (ubiquitin-conjugating enzyme E2 variant 1) generates a rare read-through transcript, which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. The protein encoded by this individual gene lacks a UEV1 domain but includes three transmembrane regions. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2009]

**Protein Families:** Transmembrane

**Product images:**



Coomassie blue staining of purified TMEM189 protein (Cat# [TP324011]). The protein was produced from HEK293T cells transfected with TMEM189 cDNA clone (Cat# [RC224011]) using MegaTran 2.0 (Cat# [TT210002]).