

Product datasheet for PH301707

TMEM109 (NM_024092) Human Mass Spec Standard

Product data:

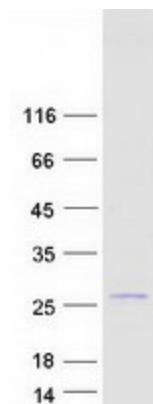
Product Type:	Mass Spec Standards
Description:	TMEM109 MS Standard C13 and N15-labeled recombinant protein (NP_076997)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201707
Predicted MW:	26.2 kDa
Protein Sequence:	<p>>RC201707 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAASSISSPWGKHVFKAILMVLVALILLHSALAQSRDFAPPGQQKREAPVDVLTQIGRSVRGTLDAWIG PETMHLVSESSSVLWAISSAISVAFFALSGIAAQLLNALGLAGDYLAQGLKLSPGQVQTFLWAGALV VYWLLSLLLGLVLALLGRILWGLKLVIFLAGFVALMRSPDPSTRALLLALLILYALLSRLTGSRASGA QLEAKVRGLERQVEELRWRQRRAAKGARSVEEE</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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_076997
RefSeq Size:	2412
RefSeq ORF:	729
Locus ID:	79073
UniProt ID:	Q9BVC6
Cytogenetics:	11q12.2


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Summary: May mediate cellular response to DNA damage by protecting against ultraviolet C-induced cell death (PubMed:23542032). Can form voltage-gated calcium and potassium channels in vitro (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM109 protein (Cat# [TP301707]). The protein was produced from HEK293T cells transfected with TMEM109 cDNA clone (Cat# [RC201707]) using MegaTran 2.0 (Cat# [TT210002]).