

## Product datasheet for PH321181

### HTF9C (TRMT2A) (NM\_022727) Human Mass Spec Standard

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | TRMT2A MS Standard C13 and N15-labeled recombinant protein (NP_073564) |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC221181   |
| Predicted MW:                         | 68.7 kDa   |
| Protein Sequence:                     | >RC221181 protein sequence<br>Red=Cloning site Green=Tags(s)           |

MSENLDNEGPKPMESCGQESSALSCTVSVPPAAPAALEEVEKEGAGAAATGPGPQPLYSYIRDDLFTS  
E.IFKLELQNVPRHASFSVRRFLGRFGLQPHKTKLFGQPFCVTFRSAERDKALRVLHGALWGRPLS  
VRLARPKADPMARRRRQEGESEPPVTRVADVVTPLWTVPYAEQLERKQLECEQVLQKLAKELGSTNRALL  
PWLLEQRHKHNKACCPLEGVRPSPQQT EYRNKCEFLVGVGVDGEDNTVGCRLGKYKGGTCAVAAPFDTVH  
IPEATKQVVKAFQEFIRSTPYSAYDPETYTGHWKQLTVRTRSRHQAMAIAYFHPQKLSPEELAKTSLA  
QHFTAGPGRASGVTCLYFVEEGQRKTPSQEGLPLEHVAGDRCIHEDLLGLTFRISPHAFFQVNTPAAEVL  
YTVIQDWAQLDAGSMVLDVCCGTGTIGLALARKVKRVIGVELCPEAVEDARVNAQDNELSNVEFHCGRAE  
DLVPTLVSRLASQHLVAILDPPRAGLHRSKVLAIIRRAKNLRRLLYVSCNPRAAMGNFVLDL CRAPSNRVKG  
IPFRPVKAVAVDLFPQTPHCEMLILFERVEHPNGTGVLGPHSPPAQPTGPPDNTLQETGTFPSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                  |  |
|------------------|--|
| 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_073564</a>  |
| RefSeq Size:     | 2981   |
| RefSeq ORF:      | 1875   |



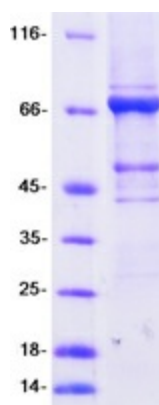
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**Synonyms:** HTF9C  
**Locus ID:** 27037  
**UniProt ID:** [Q8IZ69](#)  
**Cytogenetics:** 22q11.21

**Summary:** The protein encoded by this gene is of unknown function. However, it is orthologous to the mouse Trmt2a gene and contains an RNA methyltransferase domain. Expression of this gene varies during the cell cycle, with aberrant expression being a possible biomarker in certain breast cancers. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified TRMT2A protein (Cat# [TP321181]). The protein was produced from HEK293T cells transfected with TRMT2A cDNA clone (Cat# [RC221181]) using MegaTran 2.0 (Cat# [TT210002]).