

Product datasheet for PH300930

ASMTL (NM_004192) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ASMTL MS Standard C13 and N15-labeled recombinant protein (NP_004183)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200930
Predicted MW:	68.8 kDa
Protein Sequence:	>RC200930 protein sequence Red=Cloning site Green=Tags(s)

MVLCPIVIGKLLHKRVVLASASPRRQEILSNAGLRFVVPVSKFKEKLDKASFATPYGYAMETAKQKALEVA
NRLYQKDLRAPDVVIGADTIVTVGGILEKPVDKQDAYRMLSRSGREHSVFTGVAIVHCSSKDHQLDTR
VSEFYEETKVYKFSSELSEELLWEYVHSGEPMKAGGYGIQALGGMLVESVHGDFLNVVGFPLNHFCKQLVK
LYPPRPEDLRRSVKHDSIPAADTFEDLSDVEGGGSEPTQRDAGSRDEKAEAGEAGQATAEAECHRTRET
LPPFPTRLELEIEGFMLSKGLLTACKLVFDLLKDEAPQKAADIASKVDASACGMERLLDICAAMGKLEK
TEQYSNTETANVYLASDGEYSLHGFIMHNNDLTWNLFYLEFAIREGTNQHHRALGKKAEDLFQDAYYQ
SPETRLRFMRAMHGMTKLTACQVATAFNL SRFSSACDVGCTGALARELAREYPRMQVTVFDLPIIELA
AHFQPPGPQAVQIHFAAGDFFRDPLPSAELYLCRILHDWPDVKVHLLSKVAESCKPGAGLLL VETLLD
EEKRVAQRALMQSLNMLVQTEGKERSLGEYQCLELHGFHQVQVHLGGVLDAILATKVAP

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- 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_004183
RefSeq Size:	2149
RefSeq ORF:	1863



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Synonyms: ASMTLX; ASMTLY; ASTML

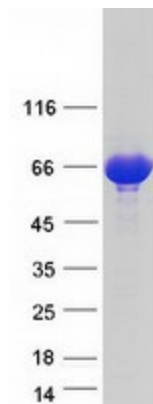
Locus ID: 8623

UniProt ID: [O95671](#), [B3KM43](#)

Cytogenetics: X;Y

Summary: The protein encoded by this gene has an N-terminus that is similar to the multicopy associated filamentation (maf) protein of *Bacillus subtilis* and to orfE of *Escherichia coli*, while the C-terminus is similar to N-acetylserotonin O-methyltransferase. This gene is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]

Product images:



Coomassie blue staining of purified ASMTL protein (Cat# [TP300930]). The protein was produced from HEK293T cells transfected with ASMTL cDNA clone (Cat# [RC200930]) using MegaTran 2.0 (Cat# [TT210002]).