

Product datasheet for PH300641

NNMT (NM_006169) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NNMT MS Standard C13 and N15-labeled recombinant protein (NP_006160)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200641
Predicted MW:	29.6 kDa
Protein Sequence:	>RC200641 protein sequence Red=Cloning site Green=Tags(s) MESGFTSKDITYLSHFNPRDYLEKYYKFGSRHSAESQILKHLKLNLFKIFCLDGVKGDLLIDIGSGPTIYQ LLSACESFKEIVVTDYSDQNLQELEKWLKKEPEAFDWSPPVVTYVCDLEGNRVKGPEKEEKLQAVKQVLK CDVTQSQPLGAVPLPPADCVLSTLCLDAACPDLPYCRALRNLGSLKPGGFLVIMDALKSSYYMIGEQQ FSSLPLGREAVEAAVKEAGYTIWFVEVISQSYSSTMANNEGLFSLVARKLSRPL 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_006160
RefSeq Size:	1579
RefSeq ORF:	792
Locus ID:	4837
UniProt ID:	P40261 , Q6FH49
Cytogenetics:	11q23.2



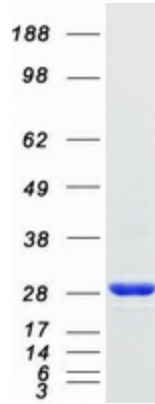
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Summary:

N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. This gene encodes the protein responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor. [provided by RefSeq, Jul 2008]

Protein Pathways:

Metabolic pathways, Nicotinate and nicotinamide metabolism

Product images:

Coomassie blue staining of purified NNMT protein (Cat# [TP300641]). The protein was produced from HEK293T cells transfected with NNMT cDNA clone (Cat# [RC200641]) using MegaTran 2.0 (Cat# [TT210002]).