

Product datasheet for PH308009

HSPC111 (NOP16) (NM_016391) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NOP16 MS Standard C13 and N15-labeled recombinant protein (NP_057475)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208009
Predicted MW:	21.2 kDa
Protein Sequence:	<p>>RC208009 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MPKAKGKTRRQKFGYSVNRKRLNRNARRKAAPRIECSHIRHAWDHAKSVRQNLAEMLAVDPNRAVPLRK RKVKAMEVDIEERPKELVKPYVLNDLEAEASLPEKKGNTLSRDLIDYVRYMVENHGEDYKAMARDEKNY YQDTPKQIRSKINVYKRFYPAEWQDFLDSLQKRKMEVE</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_057475
RefSeq Size:	1071
RefSeq ORF:	534
Synonyms:	HSPC111; HSPC185
Locus ID:	51491
UniProt ID:	Q9Y3C1



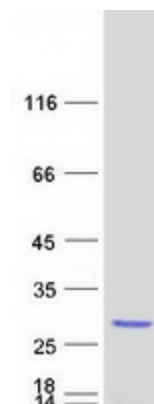
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Cytogenetics: 5q35.2

Summary: This gene encodes a protein that is localized to the nucleolus. Expression of this gene is induced by estrogens and Myc protein and is a marker of poor patient survival in breast cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified NOP16 protein (Cat# [TP308009]). The protein was produced from HEK293T cells transfected with NOP16 cDNA clone (Cat# [RC208009]) using MegaTran 2.0 (Cat# [TT210002]).