

Product datasheet for PH321018

NUMB (NM_001005744) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUMB MS Standard C13 and N15-labeled recombinant protein (NP_001005744)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221018
Predicted MW:	65.7 kDa
Protein Sequence:	>RC221018 representing NM_001005744 Red=Cloning site Green=Tags(s)

MNKLRSQSFRRKDVVYVPEASRPHQWQTDEEGVRTGKCSFPVKYLGHVEVDES RGMHICEDAVKRLKAERK
FFKGFVFGKTGKKAVKAVLWVSADGLRVVDEKTKDLIVDQTIIEKVSFCAPDRNFDRAFSYICRDGTTTRRWI
CHCFMAVKDTGERLSHAVGCFAAFLERKQKREKECGVTATFDASRTTFTREGSFRVTTATEQAEREEIM
KQMQDAKKAETDKIVVGGSSVAPGNTAPSPSSPTSPTSDATTSLMMNPHAIIPRRHAPIEQLARQGSFRGF
PALSQKMSPFKRQLSLRINELPSTMQRKTDFFIKNVPEVEGEAESISSLCSQITNAFSTPEDPFSSAPM
TKPVTVVAPQSPVTFQGTWEGQSSGAASPLGFQAGHRRTPEADRWLEEVSKSVRAQQPQASAAPLQPVVQ
PPPPTAISQPASPFQGNFLTSQPVVGVVVPALQPAFVPAQSYVANGMPYPAPNVVVGITPSQMVANV
FGTAGHPQAAHPHQSPSLVRQQTFPHYEASSATTSPFFKPPAQHLNGSAAFNGVDDGRLASADRHTVEVPT
GTCVPDPFEAQWAALENKSKQRTNPSPTNPFSSDLQKTFEIEL

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_001005744
RefSeq Size:	3503
RefSeq ORF:	1809



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Synonyms: C14orf41; c14_5527; S171

Locus ID: 8650

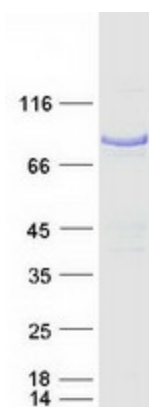
UniProt ID: [P49757](#), [A0A024R681](#)

Cytogenetics: 14q24.2-q24.3

Summary: The protein encoded by this gene plays a role in the determination of cell fates during development. The encoded protein, whose degradation is induced in a proteasome-dependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Protein Pathways: Notch signaling pathway

Product images:



Coomassie blue staining of purified NUMB protein (Cat# [TP321018]). The protein was produced from HEK293T cells transfected with NUMB cDNA clone (Cat# [RC221018]) using MegaTran 2.0 (Cat# [TT210002]).