

## Product datasheet for PH321328

### NOVA1 (NM\_006489) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NOVA1 MS Standard C13 and N15-labeled recombinant protein (NP_006480)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221328
Predicted MW:	49.1 kDa
Protein Sequence:	>RC221328 representing NM_006489 Red=Cloning site Green=Tags(s)

MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIPSYAAGSIIIGKGGQ  
TIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGFIAEKIREMPQNVAKTEPVSILQPQT  
TVNPDRIKQVKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQKPDGINLQERVVTVSGEPEQNRKAV  
ELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTA EVLPTAAAAAGLLGHANLAGVAAFPVAVL  
SGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAATGALAAAAASANPAAAAANLLATYASEASASGS  
TAGGTAGTFALGSLAAATAATNGYFGAASPLAASAILGTEKSTDGSKDVVEI AVPENLVGAILGKGGKTL  
VEYQELTGARIQISKKGEFVPGTRNRKVTITGTPAATQAAQYLITQRITYEQGVRAANPQKVG

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_006480</a>
RefSeq Size:	3846
RefSeq ORF:	1449
Synonyms:	Nova-1



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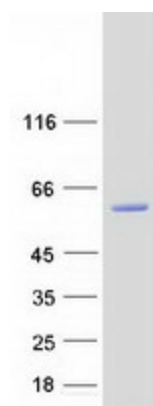
Locus ID: 4857

UniProt ID: [P51513](#)

Cytogenetics: 14q12

**Summary:** This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of paraneoplastic disease antigens, that is recognized and inhibited by paraneoplastic antibodies. These antibodies are found in the sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell lung cancer. Alternatively spliced transcripts encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified NOVA1 protein (Cat# [TP321328]). The protein was produced from HEK293T cells transfected with NOVA1 cDNA clone (Cat# [RC221328]) using MegaTran 2.0 (Cat# [TT210002]).