

Product datasheet for PH310407

NOVA1 (NM_002515) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NOVA1 MS Standard C13 and N15-labeled recombinant protein (NP_002506)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210407
Predicted MW:	51.7 kDa
Protein Sequence:	>RC210407 protein sequence Red=Cloning site Green=Tags(s)

MMAAAPIQQNGHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIPSYAAGSIIIGKGGQ
TIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGFIAEKIREMPQNVAKTEPVSILQPQT
TVNPDRIKQTLPSPTTTKSSPSDPMTTSRANQVKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQK
PDGINLQERVVTVSGEPEQNRKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTAIEVLP
TAAAAAGLLGHANLAGVAAPAVLSGFTGNDLVAITSALNTLASYGYNLNLGLGLSQAATGALAAAAA
SANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAATAATNGYFGAASPLAASAILGTEKSTDGS
KDVVEIAVPENLVGAILKGGKTLVEYQELTGARIQISKKGEFVPGTRNRKVTITGTPAATQAAQYLITQ
RITYEQVRAANPQKVG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_002506
RefSeq Size:	3918
RefSeq ORF:	1521



[View online »](#)

Synonyms: Nova-1

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# [TP310407]). The protein was produced from HEK293T cells transfected with NOVA1 cDNA clone (Cat# [RC210407]) using MegaTran 2.0 (Cat# [TT210002]).