

Product datasheet for PH310407

OriGene Technologies, Inc.

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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:HumanExpression Host:HEK293

Expression cDNA Clone

RC210407

or AA Sequence: Predicted MW:

51.7 kDa

Protein Sequence: >RC210407 protein sequence

Red=Cloning site Green=Tags(s)

MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIPSYAAGSIIGKGGQ TIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGFIAEKIREMPQNVAKTEPVSILQPQT TVNPDRIKQTLPSSPTTTKSSPSDPMTTSRANQVKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQK PDGINLQERVVTVSGEPEQNRKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTAEVLP TAAAAAGLLGHANLAGVAAFPAVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAAATGALAAAAA SANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYFGAASPLAASAILGTEKSTDGS KDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISKKGEFVPGTRNRKVTITGTPAATQAAQYLITQ

RITYEQGVRAANPQKVG

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



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Synonyms: Nova-1
Locus ID: 4857
UniProt ID: P51513
Cytogenetics: 14q12

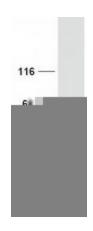
Summary: This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of

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]).