

Product datasheet for TP310407

OriGene Technologies, Inc.

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NOVA1 (NM_002515) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human neuro-oncological ventral antigen 1 (NOVA1), transcript

variant 1, 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC210407 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIPSYAAGSIIGKGGQ TIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGFIAEKIREMPQNVAKTEPVSILQPQT TVNPDRIKQTLPSSPTTTKSSPSDPMTTSRANQVKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQK PDGINLQERVVTVSGEPEQNRKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTAEVLP TAAAAAGLLGHANLAGVAAFPAVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAAATGALAAAA SANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYFGAASPLAASAILGTEKSTDGS KDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISKKGEFVPGTRNRKVTITGTPAATQAAQYLITQ RITYEQGVRAANPQKVG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW:

Concentration: >0.05 µg/µL as determined by microplate BCA method

51.5 kDa

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.





Synonyms:

NOVA1 (NM_002515) Human Recombinant Protein - TP310407

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 002506

Locus ID: 4857 **UniProt ID:** P51513 RefSeq Size: 3918 Cytogenetics: 14q12 RefSeq ORF: 1521

Nova-1

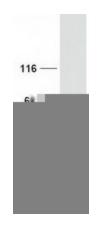
Summary: This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of

paraneoplastic disease antigens, that is recognized and inhibited by paraneoplastic

antibodies. These antibodies are found in the sera of patients with paraneoplastic opsoclonusataxia, 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]).