

Product datasheet for TP310407M

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, 100 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 TAAAAAGLLGHANLAGVAAFPAVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAAATGALAAAAA SANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYFGAASPLAASAILGTEKSTDGS KDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISKKGEFVPGTRNRKVTITGTPAATQAAQYLITQ RITYEQGVRAANPQKVG **TRTRPLEQKLISEEDLAANDILDYKDDDDKV** Tag: C-Myc/DDK Predicted MW: 51.5 kDa **Concentration:** $>0.05 \mu g/\mu L$ as determined by microplate BCA method > 80% as determined by SDS-PAGE and Coomassie blue staining **Purity: Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol Recombinant protein was captured through anti-DDK affinity column followed by **Preparation:** 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. Store at -80°C. Storage:



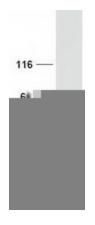
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	NOVA1 (NM_002515) Human Recombinant Protein – TP310407M
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 002506</u>
Locus ID:	4857
UniProt ID:	<u>P51513</u>
RefSeq Size:	3918
Cytogenetics:	14q12
RefSeq ORF:	1521
Synonyms:	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 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]).

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