

Recombinant Human NOVA1

Cat. No. NOVA1-29728TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Nova1 with N terminal proprietary tag, predicted mwt: 81.51 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	508 amino acids
Description	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.
Molecular Weight	81.510kDa inclusive of tags
Tissue specificity	Brain.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTK RTNTGEDGQYFLKVL PSYAAGSIIGKGGQTIVQLQKETG ATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHG FIAEKI REMPQNVAKTEPVLSILQPQTTVNPDRKQTLPSSTTTKS SPSPDPMTTSR NQVKIIVPNSTAGLIIGKGGATVKAVMEQ SGAWVQLSQKPDGINLQERVVTVSGEPE QNRKAVELIIQK IQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTAELVLP TAAAA AGLLGHANLAGVAAFPVLSGFTGNDLVAITSALN TLASYGYNLNTLGLGLSQAAAT GALAAAAASANPAAAAAN LLATYASEASASGSTAGGTAGTFALGSLAAATAATNGY FG AASPLAASAILGTEKSTDGSKDVVEIAVPENLVGAILGKG GKTLVEYQELTGARI QISKKGEFVPGTRNRKVTITGTPAA TQAAQYLITQRITYEQGVRAANPQKVG
Sequence Similarities	Contains 3 KH domains.

GENE INFORMATION

Gene Name	NOVA1 neuro-oncological ventral antigen 1 [Homo sapiens]
Official Symbol	NOVA1
Synonyms	NOVA1; neuro-oncological ventral antigen 1; RNA-binding protein Nova-1;
Gene ID	4857
mRNA Refseq	NM_002515
Protein Refseq	NP_002506
MIM	602157

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Uniprot ID	P51513
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Chromosome Location	14q12
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Function	RNA binding;
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