

Recombinant Full Length Human NOVA1 Protein

Cat. No. NOVA1-345HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	81.510kDa inclusive of tags
AA Sequence	MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTK RTNTGEDGQYFLKVL PSYAAGSIIGKGGQTIVQLQKETG ATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHG FIAEKI REMPQNVAKTEPVSILQPQTTVNPDRKQTLPSSTTTKS SPSPDPMTTSR NQVKIIVPNSTAGLIIGKGGATVKAVMEQ SGAWVQLSQKPDGINLQERVVTVS GEPE QNRKAVELIIQK IQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTAEVLP TAAAA AGLLGHANLAGVAAFPVLSGFTGNDLVAITSALN TLASYGYNLNTLGLGLSQAAAT

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GALAAAAASANPAAAAAN LLATYASEASASGSTAGGTAGTFALGSLAAATAATNGY
 FG AASPLAASAILGTEKSTDGSKDVVEIAVPENLVGAILGKG GKTLVEYQELTGARI
 QISKKGEFVPGTRNRKVTITGTPAA TQAAQYLITQRITYEQGVRAANPQKVG

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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](#)

UniProt ID [P51513](#)

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