

# Recombinant Full Length Human NOVA1 Protein, GST-tagged

**Cat. No.** NOVA1-6720HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human NOVA1 full-length ORF ( NP_002506.2, 1 a.a. - 507 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 507 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | <p>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]</p> |
| <b>Molecular Mass</b>   | 81.29 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIP<br>SYAAGSIIGKGGQTIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGF<br>AEKIREMPQNVAKTEPVLSILQPQTTVNPDRKQTLPSPTTTKSSPSDPMTTSRANQ<br>VKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQKPDGINLQERVVTVSGEPEQN<br>RKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTA EVLP TAAAAAGL<br>LGHANLAGVAAFPVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAAATGAL<br>AAAAASANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYFGA   |

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ASPLAASAILGTEKSTDGSKDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISKK  
GEFVPGTRNRKVTITGTPAATQAAQYLITQRITYEQGVRAANPQKVG

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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;  
paraneoplastic Ri antigen; onconeural ventral antigen 1; ventral neuron-specific  
protein 1; 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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