

Recombinant Human NOVA1 Protein, GST-tagged

Cat. No. NOVA1-6002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOVA1 full-length ORF (NP_002506.2, 1 a.a. - 507 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	81.29 kDa
AA Sequence	MMAAAPIQQNGTHTGVPIDLPDPSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIP SYAAGSIIGKGGQTIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGF AEKIREMPQNVAKTEPVLSILQPQTTVNPDRKQTLPSPTTTKSSPSDPMTTSRANQ VKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQKPDGINLQERVVTVSGEPEQN RKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTA EVLP TAAAAAGL LGHANLAGVAAFPVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAAATGAL AAAAASANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYFGA ASPLAASAILGTEKSTDGSKDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISKK

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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](#)

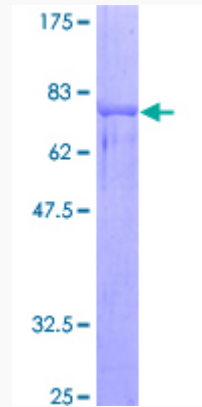
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UniProt ID**P51513****Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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