

Recombinant Full Length Human NOVA1 Protein, GST-tagged

Cat. No. NOVA1-6720HF **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	In Vitro Cell Free System
ProteinLength	507 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. [provided by RefSeq]
Molecular Mass	81.29 kDa
AA Sequence	MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIP SYAAGSIIGKGGQTIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGF AEKIREMPQNVAKTEPVLSILQPQTTVNPDRKQTLPSSTTTKSSPSDPMTTSRANQ VKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQKPDGINLQERVVTVSGEPEQN RKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTA EVLP TAAAAAGL LGHANLAGVAAFPVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAAATGAL 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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