

Recombinant Full Length Human NOVA1 Protein, C-Flag-tagged

Cat. No. NOVA1-974HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NOVA1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.5 kDa
AA Sequence	MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIP SYAAGSIIGKGGQ TIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGF AEKIREMPQNVAKTEPVLSILQPQT TVNPDRKQTLPSSTTTKSSPSDPMTTSRANQ VKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQK PDGINLQERVVTVSGEPEQN RKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTA EVLP TAAAAAGL LGHANLAGVAAFPVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAAATGAL AAAAA SANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYFGA

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ASPLAASAILGTEKSTDGS KDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISK
KGEFVPGTRNRKVTITGTPAATQAAQYLITQ
RITYEQGVRAANPQKVGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	NOVA1 NOVA alternative splicing regulator 1 [Homo sapiens (human)]
Official Symbol	NOVA1
Synonyms	Nova-1
Gene ID	4857
mRNA Refseq	NM_002515.3
Protein Refseq	NP_002506.2

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MIM	602157
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UniProt ID	P51513
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