

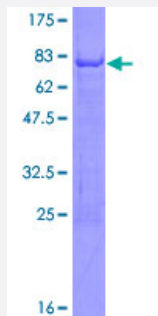
Full-Length

NOVA1 (Human) Recombinant Protein (P02)

Catalog # H00004857-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NOVA1 full-length ORF (NP_002506.2, 1 a.a. - 507 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMAAAPIQQNGTHTGVPIDLDPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIPSYAAGSIIGK
GGQTIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGFIAEKIREMPQNVAKTEPVSI
LQPQTTVNPDRKQTLPSPTTTKSSPSDPMTTSRANQVKIIVPNSTAGLIIGKGGATVKAVMEQSG
AWVQLSQKPDGINLQERVVTVSGEPEQNRKAVELIIKIQEDPQSGSCLNISYANVTGPVANSNPT
GSPYANTAEVLPTAAAAAGLLGHANLAGVAAFPVLSGFTGNDLVAITSALNTLASYGYNLNTLGL
GLSQAAATGALAAAAASANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYF
GAASPLAASAILGTEKSTDGSKDVVEIAPENLVGAILGKGGKTLVEYQELTGARIQISKKGEFVPG
TRNRKVITGTAAATQAAQYLITQRITYEQGVRAANPQKVG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.1

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — NOVA1

Entrez GeneID[4857](#)**GeneBank Accession#**[NM_002515.2](#)**Protein Accession#**[NP_002506.2](#)**Gene Name**

NOVA1

Gene Alias

Nova-1

Gene Description

neuro-oncological ventral antigen 1

Omim ID[602157](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

paraneoplastic Ri antigen|ventral neuron-specific protein 1

Disease

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson Disease](#)
- [Schizophrenia](#)
- [Ventricular Dysfunction](#)