



Recombinant Human RNA-binding protein Nova-1 (NOVA1)

Product Code	CSB-EP015957HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P51513
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MMAAAPIQQNGTHTGVPIDLDPPDSRKRPLEAPPEAGSTKRTNTGEDGQYFL KVLIPSYAAGSIIGKGGQTIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEA LNAVHGFIAEKIREMPQNVAKTEPVLSILQPQTTPNPDRKQTLPSSTTTKSSPS DPMTTSRANQVKIIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQKPDGINL QERVVTVSGEPEQNRKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGS PYANTAENVLPTAAAAAGLLGHANLAGVAAFPVLSGFTGNDLVAITSALNTLAS YGYNLNTLGLGLSQAAATGALAAAAASANPAAAAANLLATYASEASASGSTAG GTAGTFALGSLAAATAATNGYFGAASPLAASAILGTEKSTDGSKDVVEIAVPEN LVGAILGKGGKTLVEYQELTGARIQISKKGFEVPGTRNRKVTITGTPAATQAAQ YLITQRITYEQGVRAANPQKVG
Source	E.coli
Target Names	NOVA1
Protein Names	Recommended name: RNA-binding protein Nova-1 Alternative name(s): Neuro-oncological ventral antigen 1 Onconeural ventral antigen 1 Paraneoplastic Ri antigen Ventral neuron-specific protein 1
Expression Region	1-507
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.