

### Specifications:

|                |                  |
|----------------|------------------|
| Gene:          | <i>hASNS</i>     |
| Accession:     | NP_001664        |
| Insert size:   | 1699bp           |
| Concentration: | 10µg at 0.2µg/µL |

## *h*ASNS cDNA Plasmid

**ASNS asparagine synthetase  
(glutamine-hydrolyzing) [ *Homo  
sapiens* (human) ]**

**Also known as:** TS11; ASNSD

### Summary:

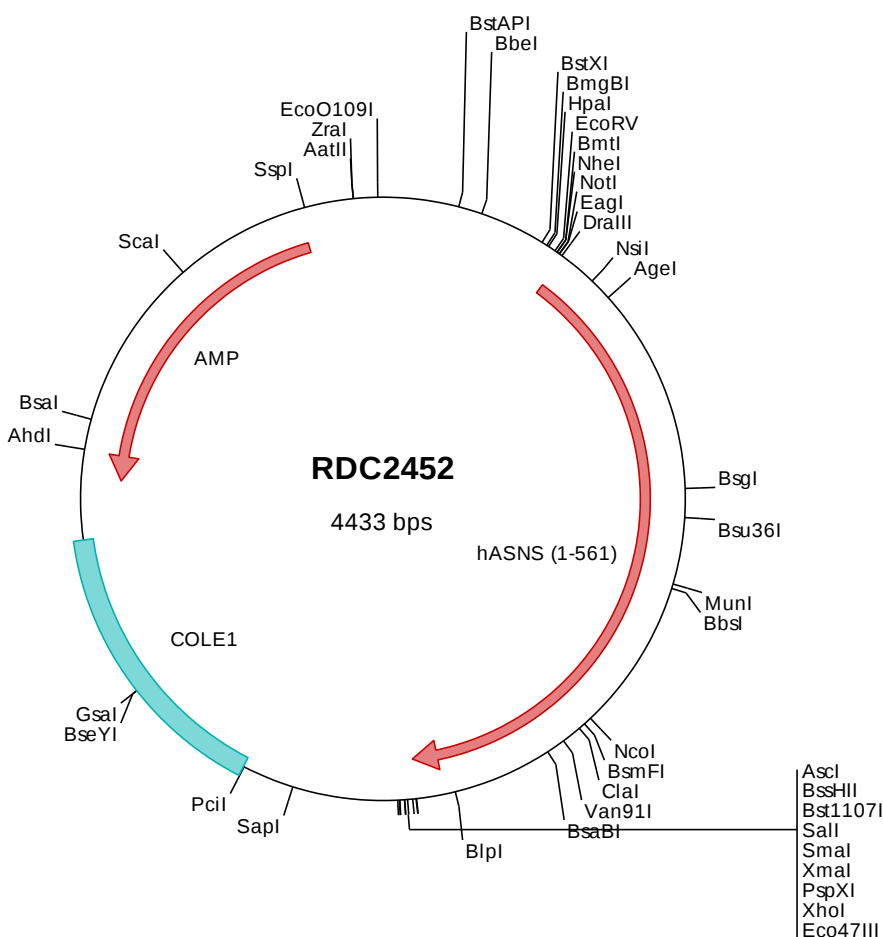
ASNS is involved in the synthesis of asparagine. It catalyzes the transfer of ammonia from glutamine to aspartic acid to form asparagine. Alternatively spliced transcripts encoding different proteins have been described.

### Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

## Preparation and Storage

|             |                                                                     |
|-------------|---------------------------------------------------------------------|
| Formulation | cDNA is provided in 10 mM Tris-Cl, pH 8.5                           |
| Shipping    | Ships at ambient temperature                                        |
| Stability   | 1 year from date of receipt when stored at -20°C to -80°C           |
| Storage     | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

## > RDC2452 Plasmid DNA Sequence

```

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## > RDC2452 Translated Insert Sequence

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```