

Recombinant Rat Asns, His-tagged

Cat. No. Asns-3666R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Asparagine synthetase [glutamine-hydrolyzing] (Asns)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	561
Description	crucial for asparagine synthesis; may be important for progression through the G1 phase of the cell cycle .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Asns recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Asns asparagine synthetase \[Rattus norvegicus \]](#)

Official Symbol Asns

Synonyms ASNS; asparagine synthetase; asparagine synthetase [glutamine-hydrolyzing]; glutamine-dependent asparagine synthetase; MGC93148;

Gene ID [25612](#)

mRNA Refseq [NM_013079](#)

Protein Refseq [NP_037211](#)

Chromosome Location 4q13-q21

Pathway Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Metabolic pathways, organis

Function ATP binding; asparagine synthase (glutamine-hydrolyzing) activity; asparagine synthase (glutamine-hydrolyzing) activity; asparagine synthase (glutamine-hydrolyzing) activity; cofactor binding; ligase activity; nucleotide binding; protein homodimerization activity;

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