



# Recombinant Human Asparaginyl-tRNA Synthetase (KS) [His] (DAGC119)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Full-length cDNA coding for human Human Asparaginyl-tRNA Synthetase (KS) fused to a hexa-histidine purification tag. Expressed by recombinant baculovirus infection of <i>Spodoptera Sf9</i> insect cells..
<b>Species</b>	Human
<b>Purity</b>	> 80%
<b>Conjugate</b>	His
<b>Applications</b>	SDS-PAGE, WB
<b>Molecular Weight</b>	64 kDa
<b>Format</b>	Liquid
<b>Size</b>	0.1 mg, 1 mg
<b>Buffer</b>	Neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent.
<b>Preservative</b>	None
<b>Storage</b>	Store at -70°C or below. Repeated freeze/thaw cycles should avoided.

## BACKGROUND

<b>Introduction</b>	For mRNA translation at the ribosomes, amino acids are covalently attached ("loaded") onto their respective tRNAs by specific amino-acyl-tRNA synthetases. Asparaginyl-tRNA synthetase (KS) is specific for the amino acid asparagine.
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**Keywords**

NARS; asparaginyl-tRNA synthetase; NARS1; KS

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