

## Asparaginyl-tRNA Synthetase (KS)

### Antigen Specification

**Product Number: 30100**

**Description:**

Human asparaginyl-tRNA synthetase (EC 6.3.5.6; KS).

Recombinant antigen for in vitro research and manufacturing use only.

**Calculated molecular weight:**

64 kDa

**Calculated isoelectric point:**

pH 6.1

**Immunological function:**

Binds IgG-type human auto-antibodies.

**Recommended buffer/storage and handling conditions:**

Recommendations for storage buffer: neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent.

Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

**Origin:**

Recombinant. Expressed by recombinant baculovirus (*Autographa californica* multiple nuclear polyhedrosis virus; AcMNPV) infection of *Spodoptera frugiperda* Sf9 insect cells.

**Expression construct:**

Full-length cDNA coding for the human asparaginyl-tRNA synthetase (KS) fused to a hexa-histidine purification tag.

Copyright 2013 - 2020 DIARECT GmbH

**Biochemical tests:**

SDS-PAGE (purity > 80%); Western blot with i: polyclonal anti-KS antibody; ii: monoclonal anti-His-tag antibody.