

Product datasheet for **TP303665L**

Seryl tRNA synthetase (SARS) (NM_006513) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human seryl-tRNA synthetase (SARS), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203665 protein sequence
Red=Cloning site **Green**=Tags(s)

MVLDLDFRVDKGGDPALIRETQEKRFPGLVDQLVKADSEWRRRCFRADNLNKLKNLCSKTIGEKMKK
KEPVGDDSEVPENVLSFDDLTADALANLKVSIKKVRLIDEAILKCD AERIKLEAERFENLREIGNLLH
PSVPISNDEEDVDNKVERIWGDCTVRKKYSHVDLWMVDGFEGEKGAVVAGSRGYFLKGVLFLEQALIQY
ALRTLGSRGYIPIYTPFFMRKEVMQEVAQLSQFDEELYK VIGK GSEKSDDNSYDEKYL IATSEQPIAALH
RDEWLRPEDLP IKYAGLSTCFRQEVGSHGRDTRGIFRVHQFEKIEQFVYSSPHDNKSWEMFEEMITTAEE
FYQSLGIPYHIVNIVSGSLNHAASKKLDLEAWFPGSGAFRELVSCSNCTDYQARRLRIRYGQTKKMMDKV
EFVHMLNATMCATTCTICAILENYQTEKGITVPEKLKEFMPPGLQELIPFVKPAIEQEPSKKQKQHEG
SKKKAARDVTLENRLQNMEV TDA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 58.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_006504](#)

Locus ID: 6301

UniProt ID: [P49591_Q0VGA5](#)

RefSeq Size: 1956

Cytogenetics: 1p13.3

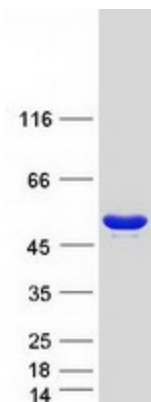
RefSeq ORF: 1542

Synonyms: NEDMAS; SARS; SERRS; SERS

Summary: This gene belongs to the class II amino-acyl tRNA family. The encoded enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts. Multiple alternatively spliced transcript variants have been described but the biological validity of all variants is unknown. [provided by RefSeq, Jul 2010]

Protein Pathways: Aminoacyl-tRNA biosynthesis

Product images:



Coomassie blue staining of purified SARS protein (Cat# [TP303665]). The protein was produced from HEK293T cells transfected with SARS cDNA clone (Cat# [RC203665]) using MegaTran 2.0 (Cat# [TT210002]).