

## Product datasheet for PH303665

### Seryl tRNA synthetase (SARS) (NM\_006513) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SARS MS Standard C13 and N15-labeled recombinant protein (NP_006504)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203665
Predicted MW:	58.7 kDa
Protein Sequence:	>RC203665 protein sequence Red=Cloning site Green=Tags(s)

MVLDLDFRVDKGGDPALIRETQEKRFKDPGLVDQLVKADSEWRRRCFRADNLNKLKLNCSKTIGEKMKK  
KEPVGDDSEVPENLVSFDDLADALANLKVSQIKKVRLLIDEAILKCAERIKLEAERFENLREIGNLLH  
PSVPISNDEDVDNKVERIWDCTVRKKYSHVDLVVMVDGFEGEKGAVVAGSRGYFLKGVLVFLEQALIQY  
ALRTLGSRGYIPIYTPFFMRKEVMQEVQSLSQFDEELYKVIKGGSEKSDDNSYDEKYLIAATSEQPIAALH  
RDEWLRPEDLPICYAGLSTCFRQEVGSHGRDTRGIFRVHQFEKIEQFVYSSPHDNKSWEMFEEMITAAE  
FYQSLGIPYHIVNIVSGSLNHAASKKLDLEAWFPGSGAFRELVSCSNCTDYQARRLRIRYQTKKMMMDKV  
EFVHMLNATMCATTCTICAIENYQTEKGITVPEKLEKFMPPGLQELIPFVKPAPIEQEPSKKQKKQHEG  
SKKKAAARDVTLENRLQNMEVTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006504</a>
RefSeq Size:	1956
RefSeq ORF:	1542



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**Synonyms:** NEDMAS; SARS; SERRS; SERS

**Locus ID:** 6301

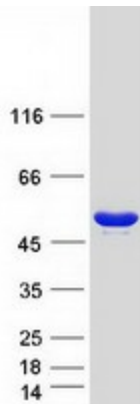
**UniProt ID:** [P49591](#), [Q0VGA5](#)

**Cytogenetics:** 1p13.3

**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]).