

# Product Datasheet

## Methionyl tRNA synthetase Overexpression Lysate (Native) NBL1-12901

Unit Size: 0.1 mg

Store at -80C. Avoid freeze-thaw cycles.

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Updated 9/6/2018 v.20.1

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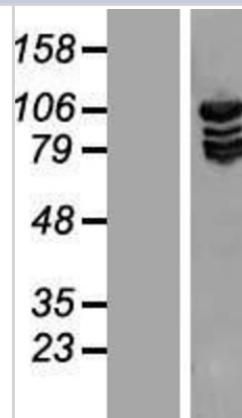


**NBL1-12901****Methionyl tRNA synthetase Overexpression Lysate (Native)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	The exact concentration of the protein of interest cannot be determined for overexpression lysates. Please contact technical support for more information.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Buffer</b>	RIPA buffer
<b>Target Molecular Weight</b>	100.9 kDa
<b>Product Description</b>	
<b>Gene ID</b>	4141
<b>Gene Symbol</b>	MARS
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Homo sapiens methionyl-tRNA synthetase (MARS), mRNA.
<b>Immunogen</b>	The lysate was created in HEK293T cells, using plasmid ID RC202932 and based on accession number NM_004990. The protein contains a C-terminal DDK tag.
<b>Notes</b>	HEK293T cells in 10-cm dishes were transiently transfected with a non-lipid polymer transfection reagent specially designed and manufactured for large volume DNA transfection. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4, and then centrifuged to clarify the lysate. Protein concentration was measured by BCA protein assay kit. This product is manufactured by and sold under license from OriGene Technologies and its use is limited solely for research purposes.
<b>Lysate Type</b>	Overexpression
<b>Lysate Protein State</b>	Native
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot
<b>Application Notes</b>	This product is intended for use as a positive control in Western Blot. You will receive the lysate (100ug), and an empty vector negative control (100 ug).

**Images**

Western Blot: Methionyl tRNA synthetase Overexpression Lysate (Adult Normal) [NBL1-12901] Left-Empty vector transfected control cell lysate (HEK293 cell lysate); Right -Over-expression Lysate for Methionyl tRNA synthetase.





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### **Products Related to NBL1-12901**

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H00004141-Q01-10ug	Recombinant Human Methionyl tRNA synthetase Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-87730	Methionyl tRNA synthetase Antibody
NB100-56565	Caspase-1 Antibody (14F468)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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