

# **Product datasheet**

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# ARG81840 Mouse MST1 / MSP ELISA Kit

Package: 96 wells Store at: 4°C

# Component

Cat. No.	Component Name	Package	Temp
ARG81840-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81840-002	Standard	2 X 10 ng/vial	4°C
ARG81840-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81840-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG81840-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81840-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG81840-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81840-008	25X Wash buffer	20 ml	4°C
ARG81840-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81840-010	STOP solution	10 ml (Ready to use)	4°C
ARG81840-011	Plate sealer	4 strips	Room temperature

# Summary

Sample Volume

100 μΙ

Product Description	ARG81840 Mouse MST1 / MSP ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse MST1 in serum, plasma (heparin, EDTA) and cell culture supernatants.			
Tested Reactivity	Ms			
Tested Application	ELISA			
Specificity	There is no detectable cross-reactivity with other relevant proteins.			
Target Name	MST1 / MSP			
Conjugation	HRP			
Conjugation Note	Substrate: TMB and read at 450 nm.			
Sensitivity	78 pg/ml			
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.			
Standard Range	156 - 10000 pg/ml			

Precision Intra-Assay CV: 4.7%; Inter-Assay CV: 5.3%

Alternate Names Macrophage-stimulating protein; MSP; D3F15S2; NF15S2; DNF15S2; Macrophage stimulatory protein;

Hepatocyte growth factor-like protein; HGFL

# **Application Instructions**

Assay Time ~ 5 hours

### **Properties**

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test

reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual

for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol MST1

Gene Full Name macrophage stimulating 1

Background The protein encoded by this gene contains four kringle domains and a serine protease domain, similar

to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds. [provided by

RefSeq, Jan 2010]

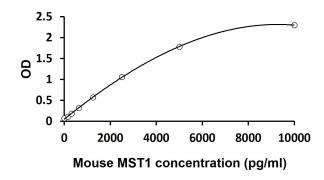
Highlight Related products:

MST1 antibodies; MST1 ELISA Kits; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

PTM Cleaved after Arg-483, probably by HPN/Hepsin, to yield the active form consisting of two disulfide-

linked chains. [UniProt]

### **Images**



### ARG81840 Mouse MST1 / MSP ELISA Kit standard curve image

ARG81840 Mouse MST1 / MSP ELISA Kit results of a typical standard run with optical density reading at 450 nm.