



# Recombinant Rat Mesothelin (Msln)

<b>Product Code</b>	CSB-EP015044RA
<b>Abbreviation</b>	Msln
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9ERA7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	DTEQKACPPGKEPNVVDENLIFYQNWELEACVDGTLLAGQMDLVNEIPFTYEQ LSIFKHKLDKTYPPQGYPESLIKQLGHFFRYVSPEDIRQWNVTSPDTVNTLLKVS KGQKMDAQVIALVACYLRGGGKLEDEDIVKALDNIPLSYLCDFSPQDLHAIPSSV MWLVGLHDLDKCSQRHLGILYQKACSAFQNVSGLEYFEKIRTFLLGGASREDLR ALSQHNVSMDIATFKKLQVDALVGLSVAEVQKLLGPHIGDLKTEEDKSPVRDW LFRQQQKDLDSLGLGLQGIPNGYLILDFNVREAFS
<b>Source</b>	E.coli
<b>Target Names</b>	Msln
<b>Protein Names</b>	Recommended name: Mesothelin Alternative name(s): Pre-pro-megakaryocyte-potentiating factor Protein expressed in renal carcinoma Cleaved into the following 2 chains: 1. Megakaryocyte-potentiating factor Short name= 2. MPF 3. Mes
<b>Expression Region</b>	298-600
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	An antibody that reacts with ovarian cancers and mesotheliomas was used to isolate a cell surface antigen named mesothelin. Although the function of mesothelin is unknown, it may play a role in cellular adhesion and is present on mesothelium, mesotheliomas, and ovarian cancers. This gene encodes a preproprotein that is cleaved into two products, megakaryocyte potentiating factor and mesothelin. Alternative splicing results in multiple transcript variants.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

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