



Recombinant Rat Mesothelin (Msln)

Product Code	CSB-BP015044RA
Abbreviation	Msln
Storage	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.
Uniprot No.	Q9ERA7
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	DTEQKACPPGKEPNVVDENLIFYQNWELEACVDGTLLAGQMDLVNEIPFTYEQ LSIFKHKLDKTYPPQGYPESLIKQLGHFFRYVSPEDIRQWNVTSPDTVNTLLKVS KGQKMDAQVIALVACYLRGGGKLEDEDIVKALDNIPLSYLCDFSPQDLHAIPSSV MWLVGLHDLDKCSQRHLGILYQKACSAFQNVSGLEYFEKIRTFLLGGASREDLR ALSQHNVSMDIATFKKLQVDALVGLSVAEVQKLLGPHIGDLKTEEDKSPVRDW LFRQQQKDLDSLGLGLQGIPNGYLILDFNVREAFS
Source	Baculovirus
Target Names	Msln
Protein Names	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
Expression Region	298-600
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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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