



# Recombinant Mouse RNA-binding protein EWS (Ewsr1)

<b>Product Code</b>	CSB-EP736824MO
<b>Abbreviation</b>	Ewsr1
<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>	Q61545
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MASTDYSTYS QAAAQQGYSA YTAQPTQGYA QTTQAYGQQS          YGTYGQPTDV SYTQAQTAT YGQTAYATSY GQPPTGYSTP TAPQAYSQPV          QGYGTGTYDS TTATVTTTQA SYAAQTAYGT QPAYPTYGQQ PTATAPTRPQ          DGNKPAETSQ PQSSTGGYNQ PSLGYGQSNY SYPQVPGSYP          MQPVTAPPSY PPTSYSSSSQ TSYDQSSYSQ QNTYGQPSSY          GQQSSYGQQS SYGQQPPTSYP PPQTGSYSQA PSQYSQQSSS          YGQQSSFRQD HPSSMGVYGQ ESGGFSGPGE NRSLSGPDNR          GRGRGGFDRG GMSRGGRGGG RGGLGAGERG GFNKPGGPMD          EGPDLDLGLP IDPDESDNS AIYVQGLNDN VTLDDLADFF KQCGVVKMNK          RTGQPMIHIY LDKETGKPKG DATVSYEDPP TAKAAVEWFD GKDFQGSKLK          VSLARKKPPM NSMRGGMPPR EGRGMPPPLR GPGGGPGGPG          GPMGRMGGRG GDRGGFPPRG PRGSRGNPSG GGNVQHRAGD          WQCPNPGCGN QNFAWRTECN QCKAPKPEGF LPPPFPPPGG          DRGRGGPGGM RGGRRGLMDR GPGGMFRGG RGGDRGGFRG          GRGMDRGGFG GGRRGGPGGP PGPLMEQMGG RRGRRGGPGK          MDKGEHRQER RDRPY</p>
<b>Source</b>	E.coli
<b>Target Names</b>	Ewsr1
<b>Protein Names</b>	Recommended name: RNA-binding protein EWS
<b>Expression Region</b>	1-655
<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 protein
<b>Target Details</b>	This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain



and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and 14.

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**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.

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**Shelf Life**

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