Recombinant Mouse RNA-binding protein EWS (Ewsr1)

Product Code	CSB-YP736824MO
Abbreviation	Ewsr1
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.	Q61545
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MASTDYSTYS QAAAQQGYSA YTAQPTQGYA QTTQAYGQQS YGTYGQPTDV SYTQAQTTAT YGQTAYATSY GQPPTGYSTP TAPQAYSQPV QGYGTGTYDS TTATVTTTQA SYAAQTAYGT QPAYPTYGQQ PTATAPTRPQ DGNKPAETSQ PQSSTGGYNQ PSLGYGQSNY SYPQVPGSYP MQPVTAPPSY PPTSYSSSQP TSYDQSSYSQ QNTYGQPSSY GQQSSYGQQS SYGQQPPTSY PPQTGSYSQA PSQYSQQSSS YGQQSSFRQD HPSSMGVYGQ ESGGFSGPGE NRSLSGPDNR GRGRGGFDRG GMSRGGRGGG RGGLGAGERG GFNKPGGPMD EGPDLDLGLP IDPDEDSDNS AIYVQGLNDN VTLDDLADFF KQCGVVKMNK RTGQPMIHIY LDKETGKPKG DATVSYEDPP TAKAAVEWFD GKDFQGSKLK VSLARKKPPM NSMRGGMPPR EGRGMPPPLR GGPGGPGGPG GPMGRMGGRG GDRGGFPPRG PRGSRGNPSG GGNVQHRAGD WQCPNPGCGN QNFAWRTECN QCKAPKPEGF LPPPFPPPGG DRGRGGPGGM RGGRGGLMDR GGPGGMFRGG RGGDRGGFRG GRGMDRGGFG GGRRGGPGGP PGPLMEQMGG RRGGRGGPGK MDKGEHRQER RDRPY
Source	Yeast
Target Names	Ewsr1
Protein Names	Recommended name: RNA-binding protein EWS
Expression Region	1-655
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 protein
Target Details	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.
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	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.