



# Recombinant Rat Ezrin (Ezr)

<b>Product Code</b>	CSB-YP007914RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P31977
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	PKPINVRVT TMDAELEFAI QPNTTGKQLF DQVVKTIGLR EVWYFGLQYV DNKGFPTWLK LDKKVSAQEV RKENPVQFKF RAKFY PEDVA DELIQDITQK LFFLQVKEGI LSDEIYCPPE TAVLLGSYAV QAKFGDYNKE MHKSGYLSSE RLIPQRVMDQ HKLSRDQWED RIQVWHA EHR GMLKDSAMLE YLKIAQDLEM YGINYFEIKN KKGTDLWLGV DALGLNIYEK DDKLTPKIGF PWSEIRNISF NDKKFVIKPI DKKAPDFVFY APRLRINKRI LQLCMGNHEL YMRRRKPDTI EVQQMKAQAR EEKHQKQLER QQLETEKKRR ETVEREKEQM LREKEELMLR LQDFEQKTKR AEKELSEQIE KALQLEEERR RAQEEAERLE ADRMAALRAK EELERQAQDQ IKSQEQLAAE LAEY TAKIAL LEEARRRKED EVEEWQHRAK EAQDDL VTK EELHLVMTAP PPPPPVYEP VNYHVQEG LQ DEGAEPMGYS AELSSEGILD DRNEEKRITE AEKNERVQRQ LLTLSNELSQ ARDENKRTHN DIIHNENMRQ GRDKYKTLRQ IRQGNTKQRI DEFEAM
<b>Source</b>	Yeast
<b>Target Names</b>	Ezr
<b>Protein Names</b>	Recommended name: Ezrin Alternative name(s): Cytovillin Villin-2 p81
<b>Expression Region</b>	2-586
<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>	The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene.
<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

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.