



Recombinant Rat Ezrin (Ezr)

Product Code	CSB-EP007914RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P31977
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	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 DEGAEP MGYS AELSSEGILD DRNEEKRITE AEKNERVQRQ LLTLSNELSQ ARDENKRTHN DIIHNENMRQ GRDKYKTLRQ IRQGNTKQRI DEFEAM
Source	E.coli
Target Names	Ezr
Protein Names	Recommended name: Ezrin Alternative name(s): Cytovillin Villin-2 p81
Expression Region	2-586
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	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.
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.