

Product Data Sheet

Recombinant Human Ezrin Protein

Catalog #	Source	Reactivity	Applications
CRP2699	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human Ezrin Protein is produced by E.coli expression system and the target gene encoding Met1-Leu586 is expressed.		
Form	Liquid in a 0.2 µm filtered solution of 10mM HEPES, pH7.4.		
Gene Symbol	EZR		
Alternative Names	VIL2; Ezrin; Cytovillin; Villin-2; p81		
Entrez Gene	7430 (Human)		
SwissProt	P15311 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MPKPINVRVT TMDAELEFAI QPNTTGKQLF DQVVKTIGLR EVWYFGLHYV DNKGFPTWLK LDKKVSAQEV RKENPLQFKF RAKFYPEDVA EELIQDITQK LFFLQVKEGI LSDEIYCPPE TAVLLGSYAV QAKFGDYNKE VHKSGLYSSE RLIPQVRVMDQ HKLTRDQWED RIQVWHAHR GMLKDNAMLE YLKIAQDLEM YGINYFEIKN KKGTDLWLGV DALGLNIYEK DDKLTPKIGF PWSEIRNISF NDKKFVIKPI DKKAPDFVFY APRLRINKRI LQLCMGNHEL YMRRRKPDTI EVQQMKAQAR EEKHQKQLER QQLETEKKRR ETVEREKEQM MREKEELMLR LQDYEEKTKK AERELSEQIQ RALQLEEERK RAQEEAERLE ADRMAALRAK EELERQAVDQ IKSQEQLAAE LAEYTAKIAL LEEARRRKED EVEEWQHRAK EAQDDLKTK EELHLVMTAP PPPPPPVYEP VSYHVQESLQ DEGAEPTGYS AELSSEGIRD DRNEEKRITE AEKNERVQRQ LLTSSSELSQ ARDENKRTHN DIIHNENMRQ GRDKYKTLRQ IRQGNTKQRI DEFEAL		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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