Active Recombinant Full Length Human EZR Protein, C-Flag-tagged

Cat. No. EZR-127HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human EZR Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	ELISA capture for autoantibodies
Molecular Mass	69.2 kDa
AA Sequence	MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQVVKTIGLREVWYFGLHYVDNKGFPT WLKLDKKVSAQEV RKENPLQFKFRAKFYPEDVAEELIQDITQKLFFLQVKEGILSDEI YCPPETAVLLGSYAVQAKFGDYNKE VHKSGYLSSERLIPQRVMDQHKLTRDQWED

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

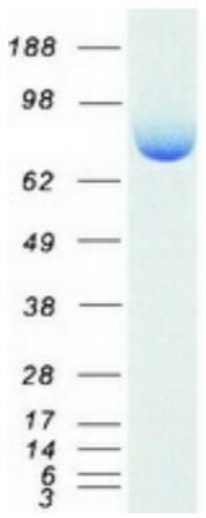
	RIQVWHAEHRGMLKDNAMLEYLKIAQDLEMYGINYFEIKN KKGTDLWLGVDALGLNI YEKDDKLTPKIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRI LQLCMG NHELYMRRRKPDTIEVQQMKAQAREEKHQKQLERQQLETEKKRRETVEREKEQMM REKEELMLR LQDYEEKTKKAERELSEQIQRALQLEEERKRAQEEAERLEADRMAAL RAKEELERQAVDQIKSQEQLAAE LAEYTAKIALLEEARRRKEDEVEEWQHRAKEAQ DDLVKTKEELHLVMTAPPPPPPVYEPVSYHVQESLQ DEGAEPTGYSAELSSEGIR DDRNEEKRITEAEKNERVQRQLLTLSSELSQARDENKRTHNDIIHNENMRQ GRDKYKTLRQIRQGNTKQRIDEFEALTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton
Full Length	Full L.

GENE INFORMATION

Gene Name	EZR ezrin [Homo sapiens (human)]

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Official Symbol	EZR
Synonyms	CVL; CVIL; VIL2; HEL-S-105
Gene ID	7430
mRNA Refseq	NM_003379.5
Protein Refseq	NP_003370.2
MIM	123900
UniProt ID	P15311



Coomassie blue staining of purified EZR protein.

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