Recombinant Human EZR Protein (1-251 aa), His-SUMO-tagged

Cat. No. EZR-492H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EZR Protein (1-251 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Cycle. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-251 aa
Description	Probably involved in connections of major cytoskeletal structures to the plasma mbrane. In epithelial cells, required for the formation of microvilli and mbrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.4 kDa
AA Sequence	MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQVVKTIGLREVWYFGLHYVDNKGFPT WLKLDKKVSAQEVRKENPLQFKFRAKFYPEDVAEELIQDITQKLFFLQVKEGILSDEIY CPPETAVLLGSYAVQAKFGDYNKEVHKSGYLSSERLIPQRVMDQHKLTRDQWEDRI QVWHAEHRGMLKDNAMLEYLKIAQDLEMYGINYFEIKNKKGTDLWLGVDALGLNIYE KDDKLTPKIGFPWSEIRNISFN
Purity	> 90% as determined by SDS-PAGE.

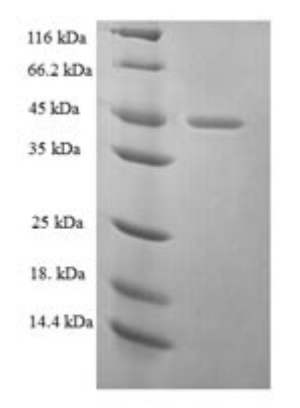
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	EZR ezrin [Homo sapiens]
Official Symbol	EZR
Synonyms	EZR; ezrin; cytovillin 2; p81; villin-2; CVL; CVIL; VIL2; MGC1584; FLJ26216; DKFZp762H157;
Gene ID	7430
mRNA Refseq	NM_001111077
Protein Refseq	NP_001104547
MIM	123900
UniProt ID	P15311

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



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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