

## Product datasheet for **TP300404**

### **Ezrin (EZR) (NM\_003379) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ezrin (EZR), transcript variant 1
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	69.2 kDa
<b>Concentration:</b>	>50 ug/mL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
<b>Bioactivity:</b>	ELISA capture for autoantibodies (PMID: <a href="#">27146838</a> )
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003370</a>
<b>Locus ID:</b>	7430
<b>RefSeq Size:</b>	3172
<b>Cytogenetics:</b>	6q25.3
<b>RefSeq ORF:</b>	1758
<b>Synonyms:</b>	CVIL; CVL; HEL-S-105; VIL2



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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton

**Product images:**

Coomassie blue staining of purified EZR protein (Cat# TP300404). The protein was produced from HEK293T cells transfected with EZR cDNA clone (Cat# [RC200404]) using MegaTran 2.0 (Cat# [TT210002]).