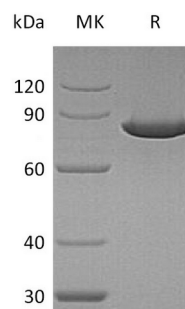


产品名称: Recombinant Human Ezrin
产品货号: PEH1856

概述 (Summary)

英文全称	Ezrin/EZR/VIL2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Ezrin is produced by our E.coli expression system and the target gene encoding Met1-Leu586 is expressed.
Accession #	P15311
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	69.4 KDa
制剂 (Form)	Supplied as a 0.2 μ m filtered solution of 10mM HEPES, pH 7.4.
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names)	Ezrin; Cytovillin; Villin-2; p81; EZR; VIL2
背景介绍 (References)	Ezrin is expressed in cerebral cortex, basal ganglia, hippocampus, hypophysis,

产品名称: Recombinant Human Ezrin
产品货号: PEH1856



and optic nerve. The N-terminus of ezrin contains a FERM domain which is further subdivided into three subdomains. The C-terminus contain a ERM domain. As a member of the ERM protein family, Ezrin serves as an intermediate between the plasma membrane and the actin cytoskeleton. It plays a key role in cell surface structure adhesion, migration, and organization. Ezrin probably involved in connections of major cytoskeletal structures to the plasma membrane. The N-terminal FERM domain strongly binds sodium-hydrogen exchanger regulatory factor (NHERF) proteins (involving long-range allostery). The C-terminal binds to actin, phosphatidylinositol bis-phosphate (PIP2) and membrane proteins like CD44 and ICAM-2. In epithelial cells, Ezrin is required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, Ezrin is required for normal macropinocytosis.

注意事项 (Note)

For research use only .