

DATASHEET

Ezrin

Human, recombinant, GST-tagged
(~96% purity)

For Research Use Only.
Not for Use in Diagnostic Processes.

Quantity: 2x50 µg
Cat. #: 8462-01

Product Description

Ezrin is an actin-binding protein of approx. 70 kD, known to interact with PIP2 and membrane proteins like CD44. Ezrin probably participates in connecting the cytoskeleton to the plasma membrane. Like many proteins, Ezrin is autoinhibited by a head-tail interaction.

Human recombinant Ezrin contains a GST-tag for use in detection, pulldown- or solid phase-assays.

The protein concentration of Ezrin was measured at OD₂₈₀ (0.1% = 0.963) and the purity by scanning densitometry of Coomassie G-250 stained SDS-Gels. Lyophilized Ezrin contains 100mM KCl, 20mM Hepes pH 7.4, 0.2mM DTT and 5% sucrose, when reconstituted with ultrapure H₂O to a 1.0 mg/ml solution.

Product Handling

Preparation of a working stock

Add 50µl H₂O to the tube with Ezrin to obtain a 1mg/ml stock. Vortex mildly and allow the protein to rehydrate for 2min and vortex again. Quickly spin the tube up to ~3.000xg for seconds to collect the solution at the bottom. Depending on the purpose this stock solution is ready-to-use. For critical assays we recommend buffer exchange against 100mM KCl, 20mM Hepes pH 7.4, 0.2mM DTT.

Product Storage and Stability

Store the product at -70° upon arrival, where it will be stable for at least 6 months. Once dissolved, Ezrin is kept on ice and should be used within 5 days. Avoid refreezing.

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