

Recombinant Human EPB49, His-tagged

Cat. No. EPB49-12480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPB49 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-405a.a.
Description	Dematin, or EPB49, is an actin-bundling protein originally identified in the erythroid membrane skeleton. Its actin-bundling activity is abolished upon phosphorylation by cAMP-dependent protein kinase and is restored after dephosphorylation (Rana et al., 1993 [PubMed 8341682]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	EPB49 erythrocyte membrane protein band 4.9 (dematin) [Homo sapiens]
Official Symbol	EPB49

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Synonyms	EPB49; erythrocyte membrane protein band 4.9 (dematin); dematin; DMT; FLJ78462; FLJ98848;
Gene ID	2039
mRNA Refseq	NM_001114135
Protein Refseq	NP_001107607
MIM	125305
UniProt ID	Q08495
Chromosome Location	8p21.1
Function	actin binding;

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