

Recombinant Mouse Fermt1 Protein, Myc/DDK-tagged

Cat. No. Fermt1-2987M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fermitin family member 1 (Fermt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in cell adhesion. Contributes to integrin activation. When coexpressed with talin, potentiates activation of ITGA2B. Required for normal keratinocyte proliferation. Required for normal polarization of basal keratinocytes in skin, and for normal cell shape. Required for normal adhesion of keratinocytes to fibronectin and laminin, and for normal keratinocyte migration to wound sites.
Molecular Mass	77.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Fermt1 fermitin family member 1 [Mus musculus (house mouse)]
Official Symbol	Fermt1
Synonyms	FERMT1; fermitin family homolog 1 (Drosophila); fermitin family homolog 1; unc-112-related protein 1; Kindlin-1; 5830467P10Rik; RP23-308A23.1
Gene ID	241639
mRNA Refseq	NM_198029
Protein Refseq	NP_932146
UniProt ID	P59113

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