

Recombinant Human FERMT3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FERMT3-1223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FERMT3 MS Standard C13 and N15-labeled recombinant protein (NP_113659) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Kindlins are a small family of proteins that mediate protein-protein interactions involved in integrin activation and thereby have a role in cell adhesion, migration, differentiation, and proliferation. The protein encoded by this gene has a key role in the regulation of hemostasis and thrombosis. This protein may also help maintain the membrane skeleton of erythrocytes. Mutations in this gene cause the autosomal recessive leukocyte adhesion deficiency syndrome-III (LAD-III). Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Molecular Mass	75.4 kDa
AA Sequence	MAGMKTASGDYIDSSWELRVFVGEEDPEAESVTLRVTGESHIGGVLLKIVEQINRKQ DWSDHAIWWEQKRQWLLQTHWTLDKYGILADARLFFGPQHRPVILRLPNRRALRLR ASFSQPLFQAVAAICRLLSIRHPEELSLLRAPEKKEKKKKEKEPEEELYDLSKVVLG GVAPALFRGMPAHFSDSAQTEACYHMLSRPQPPDPLLLQRLPRPSSLSDKTQLHS RWLDSSRCLMQQGIKAGDALWLRFKYYSFFDLDPKTDVPVRLTQLYEQARWDLLE IDCTEEEMMVFAALQYHINKLSQSGEVGEPAGTDPGLDDLDVALSNLEVKLEGSAPT

 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

DVLDSLTTIPELKDHLRIFRPRKLTCLKGYRQHWVFKETTLSSYYKSQDEAPGDPIQQL
 NLKGCEVVPDVNVSGQKFCIKLLVPSPEGMSEIYLRCQDEQQYARWMAGCRLASK
 GRTMADSSYTSEVQAILAFLSLQRTGSGGPGNHPHGPDASAEGLNPYGLVAPRFQ
 RKFKAKQLTPRILEAHQNVAQLSLAEAQLRFIQAWQSLPDFGISYVMVRFKGSRKDEI
 LGIANNRLIRIDLAVGDVVKTWRFSNMRQWNVNWDIRQVAIEFDEHINVAFSCVSAS
 CRIVHEYIGGYIFLSTRERARGEELDEDLFLQLTGGHEAFTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FERMT3 fermitin family member 3 [Homo sapiens (human)]

Official Symbol FERMT3

Synonyms FERMT3; fermitin family member 3; RP2; KIND3; MIG-2; MIG2B; URP2SF;
 UNC112C; fermitin family homolog 3; MIG2-like protein; UNC-112 related protein 2;
 kindlin 3; unc-112-related protein 2

Gene ID 83706

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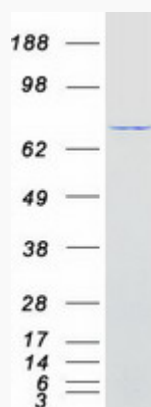
mRNA Refseq [NM_031471](#)

Protein Refseq [NP_113659](#)

MIM [607901](#)

UniProt ID [Q86UX7](#)

SDS-PAGE



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