

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FERMT3 MS Standard C13 and N15-labeled recombinant protein (NP_113659) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 75.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MAGMKTASGDYIDSSWELRVFVGEEDPEAESVTLRVTGESHIGGVLLKIVEQINRKQ<br>DWS DHAIWWEQKRQWLLQTHWTLDKYGILADARLFFGPQHRPVILRLPNRRALRLR<br>ASFSQPLFQAVAAICRLLSIRHPEELSLLRAPEKKEKKKKEKEPEEELYDLSKVVLG<br>GVAPALFRGMPAHFSDSAQTEACYHMLSRPQPPDPLLLQRLPRPSSLSDKTQLHS<br>RWLDSSRCLMQQGIKAGDALWLRFKYYSFFDLDPKTDVPVRLTQLYEQARWDLLEE<br>IDCTEEEMMVFAALQYHINKLSQSGEVGEPAGTDPGLDDLDVALSNLEVKLEGSAPT                                                                                                                                                                                                                   |

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DVLDSLTTIPELKDHLRIFRPRKLTCLKGYRQHWVFKETTLSSYYKSQDEAPGDPIQQL  
 NLKGCEVVPDVNVSGQKFCIKLLVPSPEGMSEIYLRCQDEQQYARWMAGCRLASK  
 GRTMADSSYTSEVQAILAFLSLQRTGSGGPGNHPHGPDASAEGLNPYGLVAPRFQ  
 RKFKAKQLTPRILEAHQNVAQLSLAEALRFIQAWQSLPDFGISYVMVRFKGSRKDEI  
 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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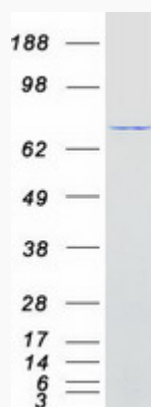
**mRNA Refseq** [NM\\_031471](#)

**Protein Refseq** [NP\\_113659](#)

**MIM** [607901](#)

**UniProt ID** [Q86UX7](#)

**SDS-PAGE**



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