

# Recombinant Human FERMT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** FERMT1-2198H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FERMT1 MS Standard C13 and N15-labeled recombinant protein (NP_060141) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes a member of the fermitin family, and contains a FERM domain and a pleckstrin homology domain. The encoded protein is involved in integrin signaling and linkage of the actin cytoskeleton to the extracellular matrix. Mutations in this gene have been linked to Kindler syndrome.                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 77.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | <p> MLSSTDFTFASWELVVRVDHPNEEQQKDVTLRVSGDLHVGGVMLKLVEQINISQDW<br/> SDFALWWEQKHCWLLKTHWTLDKYGVQADAKLLFTPQHMKMLRLRLPNLKMVRLRV<br/> SFSAVVFKAVSDICKILNIRRSEELSLLKPSGDYFKKKKKDKNNKEPIIEDILNLESSP<br/> TASGSSVSPGLYSKTMTPIDPINGTONPASSTMTWFSDSLTEQNCILAFSQQPPQSP<br/> EALADMYQPRSLVDKAKLNAGWLDSSRSLMEQGIQEDEQLLLRFKYYSFFDLNPKY<br/> DAVRINQLYEQARWAILLEEIDCTEEEMLIFAALQYHISKLSLSAETQDFAGESEVDEI<br/> EAALSNLEVTLEGGKADSLLEDITDIPKLADNLKLFPRPKLLPKAFKQYWFIFKDTSIAY<br/> FKNKELEQGEPEKLNLRGCEVVPDENVVAGRKFGIKLLIPVADGMNEMYLRCDHEN<br/> QYAQWMAACMLASKGKTMADSSYQPEVLNLSFLRMKNRNSASQVASSLENMDMN </p> |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

PECFVSPRCAKRHKSKQLAARILEAHQNVAQMPLVEAKLRFIQAWQSLPEFGLTYYL  
 VRFKGSKKDDILGVSYNRLIKIDAATGIPVTTWRFTNIQWNVNWETRQVVIEFDQNV  
 FTAFTCLSADCKIVHEYIGGYIFLSTRSKDQNETLDEDLFHKLTGGQDTRTRPLEQKLI  
 SEEDLAANDILDYKDDDDKV

**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** FERMT1 fermitin family member 1 [ Homo sapiens (human) ]

**Official Symbol** FERMT1

**Synonyms** FERMT1; fermitin family member 1; C20orf42, chromosome 20 open reading frame 42, fermitin family homolog 1 (Drosophila); fermitin family homolog 1; FLJ20116; KIND1; kindlerin; kindlin 1; UNC112A; URP1; kindlerin; UNC112 related protein 1; kindlin syndrome protein; unc-112-related protein 1; DTGCU2; C20orf42; FLJ23423;

**Gene ID** 55612

**mRNA Refseq** NM\_017671

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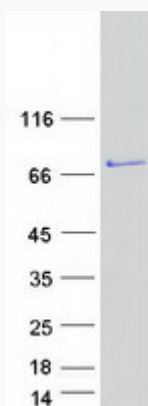
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**Protein Refseq** NP\_060141

**MIM** 607900

**UniProt ID** Q9BQL6

**SDS-PAGE**



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