

Recombinant Full Length Human FERMT1 Protein, GST-tagged

Cat. No. FERMT1-4785HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FERMT1 full-length ORF (NP_060141.2, 1 a.a. - 677 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	677 amino acids
Description	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. [provided by RefSeq, Dec 2009]
Molecular Mass	103.8 kDa
AA Sequence	MLSSTDFTFASWELVVRVDHPNEEQQKDVTLRVSGDLHVGGVMLKLVEQINISQDW SDFALWWEQKHCWLLKTHWTLDKYGVQADAKLLFTPQHKLRLRLPNLKMVRLRV SFSAVVFKAVSDICKILNIRRSEELSLLKPSGDYFKKKKKKDKNNKEPIIEDILNLESSP TASGSSVSPGLYSKTMTPIDPINTPASSTMTWFSDSLTEQNCISILAFSQQPPQSP EALADMYQPRSLVDKAKLNAGWLDSSRSLMEQGIQEDEQLLLRFKYYSFFDLNPKY DAVRINQLYEQARWAILLEEIDCTEEEMLIFAALQYHISKLSLSAETQDFAGESEVDEI EAALSNLEVTLEGGKADSLLEDITDIPKLADNLKLFPRPKLLPKAFKQYWFIFKDTSIAY FKNKELEQGEPEKLNLRGCEVVPDVNVAGRKFGLKLLIPVADGMNEMYLRCDHEN QYAQWMAACMLASKGKTMADSSYQPEVLNLSFLRMKNRNSASQVASSLENMDMN

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PECFVSPRCAKKHKSKQLAARILEAHQNVAQMPLVEAKLRFIQAWQSLPEFGLTYYL
VRFKGSKKDDILGVSYNRLIKIDAATGIPVTTWRFTNIKQWNVNWETRQVVIEFDQNV
FTAFTCLSADCKIVHEYIGGYIFLSTRSKDQNETLDEDLFHKLTGGQD

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[FERMT1 fermitin family member 1 \[Homo sapiens \]](#)

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](#)

Protein Refseq

[NP_060141](#)

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MIM	607900
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UniProt ID	Q9BQL6
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