

Recombinant Human FERMT3, His-tagged

Cat. No. FERMT3-12846H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FERMT3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	321-663a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

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Gene Name	FERMT3 fermitin family member 3 [Homo sapiens]
Official Symbol	FERMT3
Synonyms	fermitin family member 3; 23151; Ensembl:ENSG00000149781; MGC10966; fermitin family homolog 3; kindlin 3; MIG2-like protein; UNC-112 related protein 2; unc-112-related protein 2; URP2; KIND3; MIG-2; MIG2B; URP2SF; UNC112C
Gene ID	83706
mRNA Refseq	NM_031471.5
Protein Refseq	NP_113659.3
MIM	607901
UniProt ID	Q86UX7
Chromosome Location	11q13.1
Function	integrin binding; phospholipid binding;