

Recombinant Human FMNL1 protein, GST-tagged

Cat. No. FMNL1-412H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FMNL1 protein(39-351 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	39-351 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	ELDMSDFEEQFKTKSQGPSLDLSALKSKAAQKAPSKATLIEANRAKNLAILTRKGNLGAERICQAIEAYDLQALGLDFLELLMRFLPTEYERSLITRFEREQRPMEELSEEDRFMLCFSRIPRLPERMTTLTFLGNFPDTAQLLMPQLNIIAASMSIKSSDKLRQILEIVLAFGNYMNSSKRGAAYGFRLQSLDALLEMKSTDRKQTLHLYLVKVIKYPQLTGFHSDLHF LDKAGSVSLDSVLADVRS LQRGLELTQREFVRQDDCMVLKEFLRANSPTMDKLLADSKTAQEAFESVVEYFGENPKTTSP
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [FMNL1 formin-like 1 \[Homo sapiens \]](#)

Official Symbol [FMNL1](#)

Synonyms FMNL1; formin-like 1; C17orf1B, FMNL, formin like; formin-like protein 1; C17orf1; leukocyte formin; CLL-associated antigen KW-13; FMNL; FHOD4; KW-13; C17orf1B; MGC1894; MGC21878; MGC133052;

Gene ID [752](#)

mRNA Refseq [NM_005892](#)

Protein Refseq [NP_005883](#)

MIM [604656](#)

UniProt ID [O95466](#)

SDS-PAGE

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