Recombinant Human DNM1L protein, GST-tagged

Cat. No. DNM1L-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNM1L protein(69-142 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	69-142 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_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	HVSQEDKRKTTGEENGVEAEEWGKFLHTKNKLYTDFDEIRQEIENETERISGNNKGV SPEPIHLKIFSPNVVNL
Purity	85%, 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 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

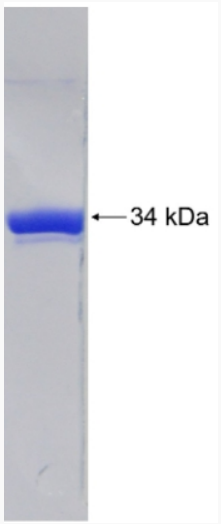
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	µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	DNM1L dynamin 1-like [Homo sapiens]
Official Symbol	DNM1L
Synonyms	DNM1L; dynamin 1-like; dynamin-1-like protein; DRP1; DVLP; DYMPLE; HDYNIV; VPS1; dynamin-like protein 4; dynamin-like protein IV; Dnm1p/Vps1p-like protein; dynamin-related protein 1; dynamin family member proline-rich carboxyl-terminal domain less; DLP1; EMPF; DYNIV-11; FLJ41912;
Gene ID	10059
mRNA Refseq	NM_005690
Protein Refseq	NP_005681
MIM	603850
UniProt ID	O00429

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SDS-PAGE	

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