

Recombinant Full Length Human Protein Ergic-53(Lman1) Protein, His-Tagged

Cat. No. RFL11653HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Protein ERGIC-53(LMAN1) Protein (P49257) (31-510aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (31-510)
Form	Lyophilized powder
AA Sequence	DGVGGDPAVALPHRRFEYKYSFKGPHLVQSDGTVPFWAHAGNAIPSSDQIRVAPSL KSQRGSVWTKTKAAFENWEVEVTRVTGRGRIGADGLAIWYAENQGLEGPVFGSA DLWNGVGIFDSDNDGKKNNPAIVIIGNNGQIHVDHQNNDGASQALASCQRDFRNL PYPVRAKITYYYQNTLTVMINNGFTPDKNDYEFCAKVENMIIPAQGHFGISAATGGLAD DHDVLSFLTTFQLTEPGKEPPTPDKEISEKEKEKYQEEFEHFQQELDKKKEEFQKGHP DLQGQPAEEIFESVGDRELQVFEQGQNRHLEIKQLNRQLDMILDEQRRYVSSLTEEI SKRGAGMPGQHGGITQQELDTVVKTQHEILRQVNEMKNSMSETVRLVSGMQHPGS AGGVYETTQHFIDIKEHLHIVKRDIDNLVQRNMPSNEKPKCPELPPFPSCSLSTVHFIIF VVVQTVLFIGYIMYRSQQEAAAKKFF
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	LMAN1
Synonyms	LMAN1; ERGIC53; F5F8D; Protein ERGIC-53; ER-Golgi intermediate compartment 53 kDa protein; Gp58; Intracellular mannose-specific lectin MR60; Lectin mannose-binding 1
UniProt ID	P49257

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