

Recombinant Human Protein ERGIC-53(LMAN1)

Catalog Number:CSB-CF012991HU

Product Name:	Recombinant Human Protein ERGIC-53(LMAN1)
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Relevance :	Mannose-specific lectin. May recognize sugar residues of glycoproteins, glycolipids, or glycosylphosphatidyl inositol anchors and may be involved in the sorting or recycling of proteins, lipids, or both. The LMAN1-MCFD2 complex forms a specific cargo receptor for the ER-to-Golgi transport of selected proteins.
Mol. Weight:	70.21kDa
Product Info :	N terminal 6xHis-sumo-tagged
Source:	in vitro E.coli expression system
Purity:	>90%(SDS-PAGE)
Storage Buffer:	Tris-based buffer, 50% glycerol
Storage :	Store at -20℃, for extended storage, conserve at -20℃ or -80℃.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4℃ for up to one week.
AA sequence:	DGVGGDPAVALPHRRFEYKYSFKGPHLVQSDGTVPFWAHAGNAIPSSDQIRVAPS LKSQRGSVWTKTKAAFENWEVEVTRVTGRGRIGADGLAIWYAENQGLEGPVFG SADLWNGVGIFDSDNDGKKNNPAIVIIGNNGQIHVDHQNKGASQALASCQRDF RNKPYPVRAKITYYQNTLTVMINNGFTPDKNDEYFCAKVENMIIPAQGHFGISAATG GLADDHDLVLSFLTFQLTEPGKEPPTPDKEISEKEKEKYQEFEHFQQELDKKKEEF QKGHPDLQGQPAEEIFESVGDRELRLQVFEGQNRHLEIKQLNRQLDMILDEQRRY VSSLTEEISKRGAGMPGQHGQITQQELDTVVKTQHEILRQVNEMKNSMSETVRLV SGMQHPGSAGGVYETTQHFIDIKEHLHIVKRDIDNLVQRNMPSNEKPKCPELPPFP SCLSTVHFIIFFVVVQTVLFIGYIMYRSQQEAAAKKFF
References:	"Exploring proteomes and analyzing protein processing by mass spectrometric identification of sorted N-terminal peptides." Gevaert K., Goethals M., Martens L., Van Damme J., Staes A., Thomas G.R., Vandekerckhove J. Nat. Biotechnol. 21:566-569(2003)