

Specifications:

Gene:	hMAN1A1
Accession:	NP_005898.2
Insert size:	1975bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

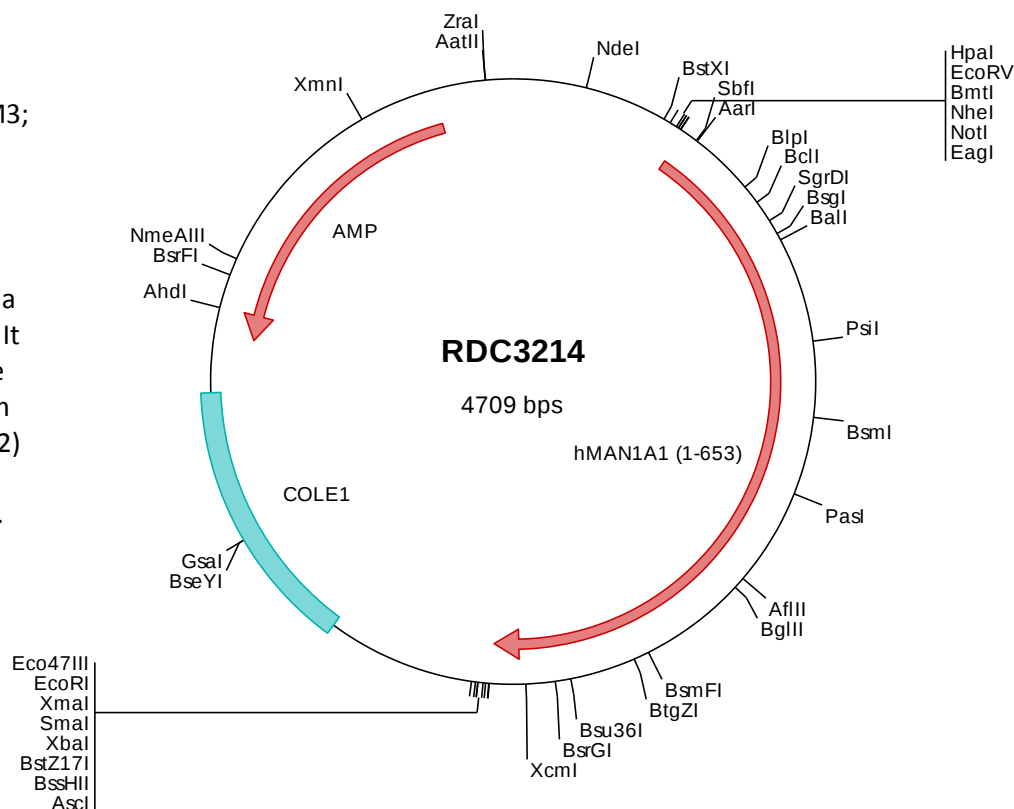
hMAN1A1 cDNA Plasmid

MAN1A1 mannosidase alpha class 1A member 1 [*Homo sapiens* (human)]

Also known as: MAN9; HUMM3; HUMM9

Summary:

MAN1A1 is a class I mammalian Golgi 1,2-mannosidase which is a type II transmembrane protein. It catalyzes the hydrolysis of three terminal mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides and belongs to family 47 of glycosyl hydrolases.



> RDC3214 Plasmid DNA Sequence

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