Recombinant Human ATG9B Protein (M1-D924), Flag tagged

Cat. No. ATG9B-0814H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG9B(M1-D924 end)-Flag Protein was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	M1-D924
Description	Phospholipid scramblase involved in autophagy by mediating autophagosomal membrane expansion. Cycles between the preautophagosomal structure/phagophore assembly site (PAS) and the cytoplasmic vesicle pool and supplies membrane for the growing autophagosome. Lipid scramblase activity plays a key role in preautophagosomal structure/phagophore assembly by distributing the phospholipids that arrive through ATG2 (ATG2A or ATG2B) from the cytoplasmic to the luminal leaflet of the bilayer, thereby driving autophagosomal membrane expansion. In addition to autophagy, also plays a role in necrotic cell death.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	ATG9B ATG9 autophagy related 9 homolog B (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	ATG9B
Synonyms	ATG9B; ATG9 autophagy related 9 homolog B (S. cerevisiae); nitric oxide synthase 3 antisense, NOS3AS; autophagy-related protein 9B; APG9L2; FLJ14885; SONE; APG9-like 2; protein sONE; autophagy 9-like 2 protein; endothelial nitric oxide synthase antisense; nitric oxide synthase 3-overlapping antisense gene protein; NOS3AS;
Gene ID	285973
mRNA Refseq	NM_173681
Protein Refseq	NP_775952
MIM	612205
UniProt ID	Q674R7

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