

Product Information

MemDX™ Membrane Protein Human ATG9B (Autophagy related 9B) Full Length

Cat. No.: **MPC3522K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human ATG9B membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

ATG9B

Protein Length

Full length

Protein Class

Transporter

TMD

6

Sequence

MVSRMGWGRRRLGRWGDLGPGSVPLLPMLPPPPPPSCRGPGGGRISI
FSLSPAPHTRSSPSSFSPPTAGPPCSVLQGTGASQSCHSALPIPATPPTQ
AQPAMTPASASPSWGSHTPPLAPATPTPSQQCPQDSPGLRVGPIPEQD
YERLEDCDPEGSQDSPIHGEEQQPLLHVPEGLRGSWHHIQNLDSFFTKIY
SYHQRNGFACILLEDVFQLGQFIFIVTFTTFLRLCVDYNVLFANQPSNHT
RPGPFHVKVTLSDAILPSAQCAERIRSSPLLVLVLAAGFWLVQLLSV
CNLFSYWDIQVFYREALHIPPEELSSVPWAEVQSRLALQRSGGLCVQPR
PLTELDIHHRLRYTNYQVALANKGLLPARCPLPWGGSAAFLSRGLALNV
DLLLFRGPFSLFRGGWELPHAYKRSDQRGALAAARWGRTVLLAALNLALS
PLVLAWQVLHVYFVSHVELLRREPGALGARGWSRLARLQLRHFNLPHELRL
ARLARAYRPAAFLRTAAPPAPLRTLLARQLVFFAGALFAALLVLTVYDE
DVLAVEHVLMTALGVTATVARSFIEEQCQGRAPQLLLQTALAHMHYL
PEEPGPGGRDRAYRQMAQLLQYRAVSLLELLSPLLTPFLFWFRPRAL
EIIDFFHHFTVDVAGVGDICSFALMDVKRHGHPQWLSAGQTEASLSQRAE
DGKTELSLMRFLAHPLWRPPGHSSKFLGHLWGRVQQDAAAWGATSARGP
STPGVLSNCTSPLEAFANLFVHPLPPRDLSPAPCPAAATASLLASI
SRIAQDPSSVSPGGTGGQKLAQLPELASAEMSLHVIYLHQLHQQQQQEP
WGEAAASILSRPCSSPSQPPSPDEEKPSWSSDGSSPASSPRQQWGTQKAR
NLFPGGFQVTTDTQKEPDRASCTD

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ATG9B

Full Name

Autophagy related 9B

Introduction

This gene functions in the regulation of autophagy, a lysosomal degradation pathway. This gene also functions as an antisense transcript in the posttranscriptional regulation of the endothelial nitric oxide synthase 3 gene, which has 3' overlap with this gene on the opposite strand. Mutations in this gene and disruption of the autophagy process have been associated with multiple cancers. Alternative splicing results in multiple transcript variants.

Alternative Names

ATG9B; SONE; APG9L2; NOS3AS; autophagy-related protein 9B; APG9-like 2; ATG9 autophagy related 9 homolog B; autophagy 9-like 2 protein; endothelial nitric oxide synthase antisense; nitric oxide synthase 3-overlapping antisense gene protein; Autophagy related 9B

Gene ID

[285973](#)

UniProt ID

[Q674R7](#)