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Product Information

MemDX™ Membrane Protein Human PIGB (Phosphatidylinositol glycan anchor biosynthesis class B) Full Length

Cat. No.: **MPC2987K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human PIGB 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
PIGB

Protein Length
Full length

Protein Class
Transferase

TMD
9

Sequence
MRRPLSKCGMEPGGGDASLTLHGLQNRSHGKIKLRKRKSTLYFNTQEKSA
RRRGDLLGENIYLLLFTIALRILNCFLVQTSFVPDEYWQSLEVSHHMVFN
YGYLTWEWTERLRSYTYPLIFASIYKILHLLGKDSVQLLIWIPRLAQALL
SAVADVRLYSLMKQLENQEVARWVFFCQLCSWFTWYCCTRTLTNTMETVL
TIIALFYYPLEGSKSMNSVKYSSLVALAFIIRPTAVILWTPLLFRHFCQE
PRKLDLILHHFLPVGFVTLSLSLMIDRIFFGQWTLVQFNFLKFNVLQNWG
TFYGSHPWHWYFSQGFPVILGTHLPFFIHGCYLAPKRYRILLVTVLWTLL
VYSMLSHKEFRFIYPVLPFCMVFCGYSLTHLKTWKKPALSFLFLSNLFLA
LYTGLVHQRGTLDVMSHIQKVCYNNPNKSSASIFIMMPCHSTPYYSHVHC
PLPMRFLQCPPDLTGKSHYLDEADVFYLNPLNWLHREFHDDASLPTHLIT
FSILEEEISAFLISSNYKRTAVFFHTHLPEGRIGSHIYVYERKLKGKFNM
KMKF

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

PIGB

Full Name

Phosphatidylinositol glycan anchor biosynthesis class B

Introduction

This gene encodes a transmembrane protein that is located in the endoplasmic reticulum and is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene is thought to encode a member of a family of dolichol-phosphate-mannose (Dol-P-Man) dependent mannosyltransferases.

Alternative Names

PIGB; DEE80; PIG-B; EIEE80; GPI-MT-III; GPI mannosyltransferase 3; GPI mannosyltransferase III; dol-P-Man dependent GPI mannosyltransferase; phosphatidylinositol glycan, class B; phosphatidylinositol-glycan biosynthesis class B protein; Phosphatidylinositol glycan anchor biosynthesis class B

Gene ID

9488

UniProt ID

Q92521