

Product Information

MemDX™ Membrane Protein Human GGT7 (Gamma-glutamyltransferase 7) Full Length

Cat. No.: **MPC4504K**

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

This product is a made-to-order Human GGT7 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

GGT7

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MAAENEASQESALGAYSPVDYMSITSFPRLPEDEPAPAAPLRGRKDEDAF
LGDPDTPDPSFLKSARLQRLPSSSSEMGSQDGSPLRETRKDPFSAAAAEC
SCRQDGLTVIVTACLTFATGVTVALVMQIYFGDPQIFQQGAVVTDAACT
SLGIEVLSKQGSSVDAVAALCLGIVAPHSSGLGGGGVMLVHDIRNES
HLIDFRESAPGALREETLQRSWETKPGLLVGVPGMVKGLHEAHQLYGRLP
WSQVLAFAAVAQDGFNVTHDLARALAEQLPPNMSEFRETFLPSGRPPL
PGSLLHRPDLAEVLDVLGTSGPAAFYAGGNLTLEMVAEAQHAGGVITEED
FSNYSALVEKPVCVYRGHLVLSPPPPHTGPALISALNILEGFNLTSLSV
REQALHWVAETLKIALALASRLGDPVYDSTITESMDDMLSKVEAAYLRGH
INDSQAAPAPLLPVYELDGAPTAQVLIMGPDDFIVAMVSSLNQPFSGSL
ITPSGILLNSQMLDFSWPNRTANHSAPSLNSVQPGKRPLSFLLPTVVVRP
AEGLCGYLALGANGAARGLSGLTQVLLNVLTNRNLSDSLARGRLHPDL
QSNLLQVDSEFTEEEIEFLEARGHHVEKVDVLSWVHGSRRNTNNFIAVKD
PRSPDAAGATIL

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

GGT7

Full Name

Gamma-glutamyltransferase 7

Introduction

This gene is a member of a gene family that encodes enzymes involved in both the metabolism of glutathione and in the transpeptidation of amino acids. Changes in the activity of gamma-glutamyltransferase may signal preneoplastic or toxic conditions in the liver or kidney. The protein encoded by this gene consists of a heavy and a light chain, and it can interact with CT120, a plasma membrane-associated protein that is possibly involved in lung carcinogenesis.

Alternative Names

GGT7; GGT4; GGTL3; GGTL5; D20S101; glutathione hydrolase 7; GGT 7; gamma-glutamyltransferase 4; gamma-glutamyltransferase-like 3; gamma-glutamyltransferase-like 5; gamma-glutamyltranspeptidase 7; gamma-glutamyltranspeptidase-like 3; Gamma-glutamyltransferase 7

Gene ID

[2686](#)

UniProt ID

[Q9UJ14](#)