

Product Information

MemDX™ Membrane Protein Human GNGT2 (G protein subunit gamma transducin 2) Full

Length

Cat. No.: **MPC2138K**

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

This product is a 7.7 kDa Human GNGT2 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

GNGT2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

7.7 kDa

Sequence

MAQDLSEKDLLKMEVEQLKKEVKNTTRIPISKAGKEIKEYVEAQAGNDPFL
KGIPEDKNPFKEKGGCLIS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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

GNGT2

Full Name

G protein subunit gamma transducin 2

Introduction

Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. Several transcript variants encoding the same protein have been found for this gene.

Alternative Names

GNGT2; GNG9; GNGT8; G-GAMMA-8; G-GAMMA-C; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-T2; G protein cone gamma 8 subunit; G-gamma-9; g gamma-C; gamma-T2 subunit; guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2; guanine nucleotide binding protein gamma 9; guanine nucleotide binding protein gamma transducing activity polypeptide 2; G protein subunit gamma transducin 2

Gene ID

[2793](#)

UniProt ID

[O14610](#)