

Product Information

MemDX™ Membrane Protein Human GPAA1 (Glycosylphosphatidylinositol anchor attachment 1) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3647K**

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

This product is a Human GPAA1 membrane protein expressed *in vitro* E.coli expression system. 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

GPAA1

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

TMD

7

Sequence

GLLSDPVRRRALARLVRLNAPLCVLSYVAGIAWFLALVFPPLTQRTYMSNAMGSTMVEEQFAGGDRARAFARDFAAHRKKSGA

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

GPAA1

Full Name

Glycosylphosphatidylinositol anchor attachment 1

Introduction

Posttranslational glycosylphosphatidylinositol (GPI) anchor attachment serves as a general mechanism for linking proteins to the cell surface membrane. The protein encoded by this gene presumably functions in GPI anchoring at the GPI transfer step. The mRNA transcript is ubiquitously expressed in both fetal and adult tissues. The anchor attachment protein 1 contains an N-terminal signal sequence, 1 cAMP- and cGMP-dependent protein kinase phosphorylation site, 1 leucine zipper pattern, 2 potential N-glycosylation sites, and 8 putative transmembrane domains.

Alternative Names

GPAA1; GAA1; hGAA1; GPIBD15; glycosylphosphatidylinositol anchor attachment 1 protein; GAA1 protein homolog; GPAA1P anchor attachment protein 1 homolog; GPI anchor attachment protein 1; GPI transamidase subunit; anchor attachment protein 1 (Gaa1p, yeast) homolog; glycosylphosphatidylinositol anchor attachment 1; glycosylphosphatidylinositol anchor attachment protein 1 homolog; Glycosylphosphatidylinositol anchor attachment 1

Gene ID

[8733](#)

UniProt ID

[O43292](#)