

## Product Information

### MemDX™ Membrane Protein Human GNAZ (G protein subunit alpha z) expressed in E.coli for Antibody Discovery

Cat. No.: **MP1356J**

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

This product is a 56.8 kDa Human GNAZ membrane protein expressed in E.coli. 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

GNAZ

##### Protein Length

Partial (2-355aa)

##### Protein Class

GPCR

##### Molecular Weight

56.8 kDa

##### TMD

7

##### Sequence

GCRQSSEEKEAARRSRRIDRHLRSESQRQRREIKLLLGTNSNGKSTIVKQMKIIHSGGFNLEACKEYKPLIIYNAIDSLTRIIRALAALP

#### Product Description

##### Expression Systems

E.coli

##### Tag

N-6xHis-SUMO

##### Form

Liquid or Lyophilized powder

##### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

#### **Purity**

>90% as determined by SDS-PAGE

#### **Buffer**

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

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

#### **Storage**

Store at +4°C for up to one week or several months at -80°C

### **Target**

#### **Target Protein**

GNAZ

#### **Full Name**

G protein subunit alpha z

#### **Introduction**

The protein encoded by this gene is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systems. This encoded protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids.

#### **Alternative Names**

G(x) alpha chain; GNAZ; GNAZ\_HUMAN; Guanine nucleotide-binding protein G(z) subunit alpha; Gz-alpha

#### **Gene ID**

[2781](#)

#### **UniProt ID**

[P19086](#)