

# 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

GCRQSSEEKEAARRSRRIDRHLRSESQRQRREIKLLLLGTSNSGKSTIVKQMKIIHSGGFNLEACKEYKPLIIYNAIDSLTRIIRALAALF

### 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](#)