

GNAZ, 1-355aa , Human, His tag, E.coli

Cat.NO.: TP02288

3th Edition

Synonyms:Guanine nucleotide-binding protein G(z) subunit alpha, G(x) alpha chain, Guanine nucleotide-binding protein G(z) subunit alpha Gz-alpha.

Description:Guanine nucleotide-binding protein G(z) subunit alpha, also known as GNAZ, is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systems. This protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids. Recombinant human GNAZ protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight:43.0 kDa (375aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGCRRQSSEEKEAARRSRRIDRHLRSESQRQRREIKLLLLGTSNSGKSTIVKQMKII
HSGGFNLEACEKEYKPLIYNAIDSLTRIIRALAALRIDFHNPDRAYDAVQLFALTGPAESKGEITPELLGVMRRLWADP
GAQACFSRSSEYHLEDNAAYYLNDLERIAAADYIPTVEDILRSRDMTTGIVENKFTFKELTFKMVDVGGQRSERKKW
IHC FEGVTAIIFCVELSGYDLKLYEDNQTSRMAESLRLFDSICNNNWFINTSLILFLNKKDLLAEKIRRIPLTICFPEYKG
QNTYEEAAVYIQRQFEDLNRNKETKEIYSHFTCATDTSNIQFVFDVA/TDVIIQNNLKYIGLC

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.