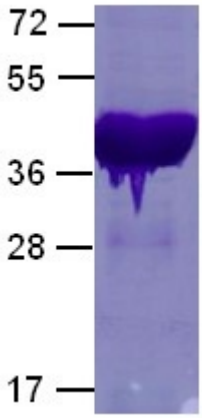
GA13 PROTEIN

产品名称: Gα13 蛋白
货号 10138
产品全名: $G\alpha_{13}$蛋白
基因符号 Guanine nucleotide-binding protein subunit alpha-13, Galpha 13, G13
Source: Human, recombinant full length, His6-tag
Expression 种属反应性: sf9 cells
分子量: 44 kDa
纯化: >95% by SDS-PAGE
Introduction: Ga13 belongs to the G12 family of heterotrimeric guanine nucleotide-binding proteins, and has intrinsic GTPase activity. Ga13 has been revealed to play critical roles in transformation, normal hemostasis and thrombosis, growth factor-induced cell migration, angiogenesis, and salt-induced hypertension.
Amino Acid Sequence (1-377)
MADFLPSRSVLSVCFPGCLLTSGEAEQQRKSKEIDKCLSREKTYVKRLVKILLLGAGESGKSTFLKQ MRIIHGQDFDQRAREEFRPTIYSNVIKGMRVLVDAREKLHIPWGDNSNQQHGDKMMSFDTRAPMAAQ GMVETRVFLQYLPAIRALWADSGIQNAYDRRREFQLGESVKYFLDNLDKLGEPDYIPSQQDILLARRPTK GIHEYDFEIKNVPFKMVDVGGQRSERKRWFECFDSVTSILFLVSSSEFDQVLMEDRLTNRLTESLNIFET IVNNRVFSNVSIILFLNKTDLLEEKVQIVSIKDYFLEFEGDPHCLRDVQKFLVECFRNKRRDQQQKPLYH HFTTAINTENIRLVFRDVKDTILHDNLKQLMLQ
Properties
Physical Appearance (form): Dissolved in 20mM Tris-HCl, pH8.0, 150mM NaCl.
Physical Appearance (form): White or clear
Concentration: 1 mg/mL
Storage: -80°C
Preparation Instructions:
Centrifuge the vial before open the cap and reconstitute in water. Adding of 10 mM β-mercaptoethanol or 1 mM DTT into the solution to protect the protein is recommended and using of non-ionic detergents such as n-Dodecyl β-D-maltoside (DoDM) or polyethylene detergents (e.g. C12E10) also help to stabilize the protein. Avoid repeated freezing and thawing after reconstitution. The purity of His-tagged Gα13 was determined by SDS- PAGE and Coomassie Brilliant Blue Staining.



References:

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