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Datasheet for ABIN7479166

ARF5 Protein (AA 2-180, full length) (GST tag)

1 Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | ARF5 |
| Protein Characteristics: | AA 2-180, full length |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ARF5 protein is labelled with GST tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | GLTVSALFSR IFGKKQMRIL MVGLDAAGKT TILYKLLKLG EIVTTIPTIGF NVETVEYKNI CFTVWDVGGQ DKIRPLWRHY FQNTQGLIFV VDSNDRERVQ ESADELQKML QEDELRDAVL LVFANKQDMP NAMPVSELTD KLGLQHLRSR TWYVQATCAT QGTGLYDGLD WLSHELKSR |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | 95 % |

Target Details

| | |
|-------------------|--|
| Target: | ARF5 |
| Alternative Name: | ADP-ribosylation factor 5 protein (ARF5 Products) |
| Background: | GTP-binding protein that functions as an allosteric activator of the cholera toxin catalytic |

Target Details

subunit, an ADP-ribosyltransferase. Involved in protein trafficking, may modulate vesicle budding and uncoating within the Golgi apparatus.

Molecular Weight: 47.8 kD

UniProt: [P84085](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

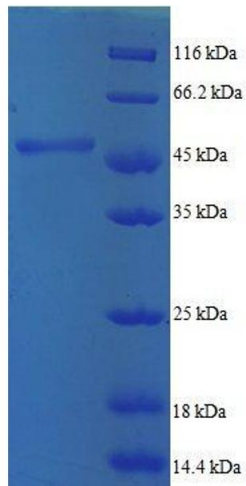
Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

Image 1. ADP-Ribosylation Factor 5 (ARF5) (AA 2-180), (full length) protein (GST tag)