

AR50040PU-S

Human ARF3 (1-181, His-tag) - Purified

Alternate names:

ADP-ribosylation factor 3

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

ARF3, also known as ADP-ribosylation factor 3, functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. This protein involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus.

Uniprot ID:
[P61204](#)
NCBI:
[NP_001650](#)
GeneID:
[377](#)
Species:

Human

Source:

E. coli

Format:
State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

Description:

Recombinant human ARF3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGNIFGNLLK SLIGKKEMRI LMVGLDAAGK TTILYKLLKG
EIVTTIPTIG FNVETVEYKN ISFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV
NEAREELMRM LAEDELRLDAV LLVFANKQDL PNMNAAEIT DKLGLHSLRH RNWYIQATCA
TSGDGLYEGL DWLANQLKKN K

Molecular weight: 22.8 kDa (201aa), confirmed by MALDI-TOF

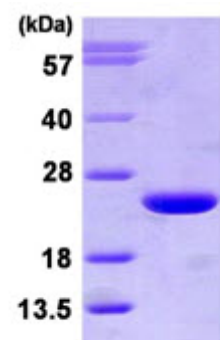
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Bobak D.A., et al. (1989) Proc. Natl. Acad. Sci. U.S.A. 86:6101-6105
Takeya R., et al. (2000) Biochem. Biophys. Res. Commun. 267:149-155

Pictures:



15% SDS-PAGE (3ug)