

ARFIP2, 1-341aa, Human, His tag, E.coli

Cat.NO.: TP01212

3th Edition

Synonyms:Arfaptin 2, POR1.

Description:Arfaptin 2, also known as ARFIP2, is a Rac1 binding protein necessary for Rac-mediated actin polymerization and the subsequent formation of membrane ruffles and lamellipodia. ARFIP2 has also been shown to interact with the ADP ribosylation factor ARF6, a GTPase that associates with the plasma membrane and intracellular endosome vesicles, in a GTP dependent manner.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT

Molecular Weight:40.2 kDa (364aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSM TDGILGKAATMEIP IHGNGEARQLPEDD GLEQDLQQVMVSGPNLNETSIVS
GGYGGSGDGLIPTGSGRHP SHSTTPSGPGDEVARGIAGEKFDIVKKWGINTYKCTKQLLSERFGRGSRTVDLELEL
QIELLRETKRKYESVLQLGRALT AHLYSLLQTQHALGDAFADLSQKSP ELQEEFGYNAETQKLLCKNGETLLGAVNF
FVSSINTLVTKTMEDTLM TVKQYEAARLEYDAYRTDLEELSLGPRDAGTRGRLESAQATFQAHRDKYEKLRGDVAI
KLKFLEENKIKVMHKQLLLFHNAV SAYFAGNQKQLEQTLQQFNIKLRPPGA EKPSWLEEQ

Purity:> 95% by HPLC

Concentration:0.25 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.