

ADP-Ribosylation Factor Interacting Protein 2 Human Recombinant

Item Number	rAP-2737
Synonyms	ADP-ribosylation factor interacting protein 2, partner of RAC1 (arfaptin 2), Partner of RAC1, Protein POR1, arfaptin-2, POR1.
Description	ARFIP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 364 amino acids (1-341) and having a molecular mass of 40.2 kDa. ARFIP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P53365
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS TDGILG KAATMEIPIH GNGEARQLPE DDGLEQDLQQ VMVSGPNLNE TSIVSGGYGG SGDGLIPTGS GRHPSHSTTP SGPGDEVARG IAGEKFDIVK KWGINTYKCT KQLLSERFGR GSRTVDLELE LQIELLRETK RKYESVLQLG RALTAHLYSL LQTQHALGDA FADLSQKSPE LQEEFGYNAE TQKLLCKNGE TLLGAVNFFV SSINTLVTKT MEDTLM- TVKQ YEAARLEYDA YRTDLEELSL GPRDAGTRGR LESAQATFQA HRDKYEKLRG DVAIKLKFL EN- KIKVMHKQ LLLFHNAVSA YFAGNQKQLE QTLQQFNIKLR PPGAIEKPSW LEEQ
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ARFIP2 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 1mM DTT and 40% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**