

32-3224: ARF4 Recombinant Protein

Alternative Name : ADP-ribosylation factor 4,ARF4,ARF2.

Description

Source : Escherichia Coli. ARF4 Human Recombinant fused with a 24 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 204 amino acids (1-180 a.a.) and having a molecular mass of 23kDa. The ARF4 is purified by proprietary chromatographic techniques. ARF4 belongs to the ARF gene family whose members encode small guanine nucleotide-binding proteins which stimulate the ADP-ribosyltransferase activity of cholera toxin and have a role in vesicular trafficking and as activators of phospholipase D. The ARF proteins include five ARF proteins and eleven ARF-like proteins and constitute one family of the RAS superfamily. They are classified as class I, class II and class III; the ARF4 gene is a class II member. The members of each class share a common gene organization. The ARF4 gene spans approximately 12kb and contains 6 exons and 5 introns. The ARF4 gene is the most divergent member of the human ARFs.

Product Info

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| Amount : | 20 µg |
| Purification : | Greater than 95.0% as determined by SDS-PAGE. |
| Content : | The ARF4 solution (0.5 mg/ml) in 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHHH SGLVPRGSH MGSHMGLTIS SLFSRLFGKK QMRILMVGLD AAGKTTILYK LKLGEIVTTI PTIGFNVETV EYKNICFTVW DVGGQDRIRP LWKHYFQNTQ GLIFVVDNSD RERIQEVADE LQKMLLVDEL RDAVLLLLFAN KQDLPNAMAI SEMTDKLGLO SLRNRTWYVQ ATCATQGTGL YEGLDWLSNE LSKR. |

