

## 32-3238: ARL3 Recombinant Protein

**Alternative Name :** ADP-ribosylation factor-like protein 3,ARL3,ARFL3.

### Description

Source : Escherichia Coli. ARL3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 206 amino acids (1-182 a.a.) and having a molecular mass of 23kDa. ARL3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ARL3 (ARFL3) belongs to the ARF-like protein (ARL) subfamily of small GTPases. ARL3 does not activate the cholera toxin ADP-ribosyltransferase contrasting from ARFs. ARL3 is ubiquitously expressed. ARL3 may have a role in maintaining rod photoreceptor cells and regulating microtubule-dependent processes. ARL3 knockdown leads to altered cell morphology, failure of cytokinesis, acetylation of alpha tubulin and an increase in binucleated cells.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	ARL3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSHMGLLSI LRKLSAPDQ EVRILLGLD NAGKTTLLKQ LASEDISHIT PTQGFNIKSV QSQGFKLVVW DIGGQRKIRP YWKNYFENTD ILIYVIDSAD RKRFEETGQE LAELLEEEKL SCVPVLIFAN KQDLLTAAPA SEIAEGLNLH TIRDRVWQIQ SCSALTGEGV QDGMNWVCKN VNAKKK.