

**ARL5B, 1-179aa, Human, His tag, E.coli**

**Cat.NO.: TP01228**

3th Edition

**Synonyms:**ADP-ribosylation factor-like protein 5B, ARL8.

**Description:**ADP-ribosylation factor-like protein 5B, also known as ARL5B, belongs to a family of proteins that are structurally similar to ADP-ribosylation factors. ARLs and ARFs are part of the RAS superfamily of regulatory GTPases. ARL5B is most closely related to ARL5, with which it shares 80% sequence identity.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 30% glycerol, 0.1M NaCl, 1mM EDTA

**Molecular Weight:**22.5 kDa (199aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGLIFAKLWSLFCNQEHKVIIVGLDNAGKTTILYQFLMNEVVHTSPTIGSNVEEIVV  
KNTHFLMWDIGGQESLRSSWNTYYSNTEFIILVVDSDIRERLAIKEELYRMLAHEDLRKAAVLIFANKQDMKGCMT  
AAEISKYLTLSIKDHPWHIQSCCALTGEGLCQGLEWMTSRIGVR

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**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.