

ARL14, 1-192aa, Human, His tag, E.coli

Cat.NO.: TP01220

3th Edition

Synonyms:ADP-ribosylation factor-like protein 14, ARF7.

Description:ARL14 (ADP-ribosylation factor-like 14) is a developmentally regulated member of the ADPribosylation factor/ARF-like protein (ARF/ARL) family of Ras-related GTPases. MHC class II molecules (MHC-II) present peptides to T helper cells to facilitate immune responses and are strongly linked to autoimmune diseases.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 200mM NaCl, 1mM EDTA

Molecular Weight:23.8kDa (212aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSLGSKNPQTKQAQVLLLGLDSAGKSTLLYKLKLAKDITTIPTIGFNVEMIELERN
LSLTVWDVGGQEKMRVTWGCYCENTDGLVYVVDSTDKQRLEESQRQFEHILKNEHIKNVPVLLANKQDMPGALT
AEDITRMFKVKKLCSDRNWYVQPCCALTGEGLAQGFRKLTGFVKSHMKSRGDTLAFFKQN

Purity:> 95% by HPLC

Concentration:0.25mg/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.