

# Recombinant Human KIF18A Protein

Catalog No.: RP02971LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	81930	Q8NI77

### Tags

N-6His

### Synonyms

PPP1R99; MS-KIF18A

## Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE

Calculated MW	Observed MW
44 kDa	45-47 kDa

### Endotoxin

### Formulation

Supplied as a 0.22  $\mu$ m filtered solution in 20mM Tris, 150mM NaCl, 1mM DTT, 10% glycerol, pH7.4

### Reconstitution

## Background

### Basic Information

#### Description

Recombinant human KIF18A protein with N-terminal 6x his tag +TEV cleavage site was purified by Ni-NTA affinity and followed by SEC chromatography. The KIF18A protein showed high activity in the ATPase activity test.

#### Bio-Activity

KIF18A activity test using ADP-Glo method.

#### Storage

Store at -70°C. This product is stable at  $\leq$  -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

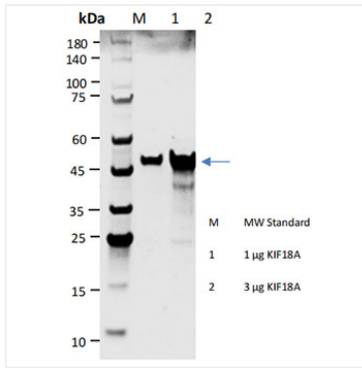
## Contact

 | 400-999-6126

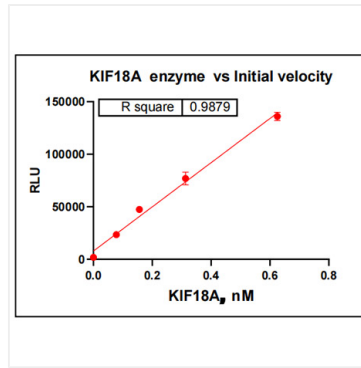
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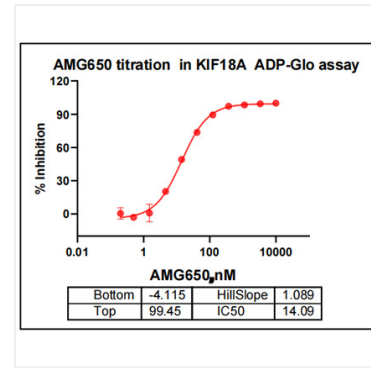
## Validation Data



Recombinant Human KIF18A Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 44 kDa.



KIF18A activity test using ADP-Glo method. The reaction was performed by incubating the KIF18A protein and ATP at 25°C for 60 min, adding ADP-Glo Reagent incubating for 40 min subsequently, then reading luminescence signal with BMG.



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