

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

Endotoxin

Formulation

Supplied as a 0.22 μ 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


This product is stable at $\leq -70^{\circ}\text{C}$ 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.

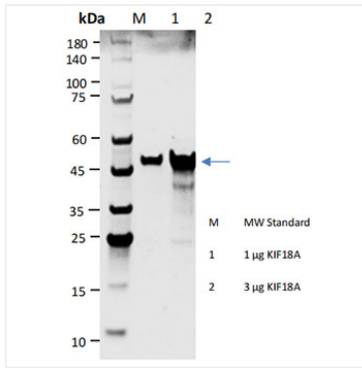
Contact

 | 400-999-6126

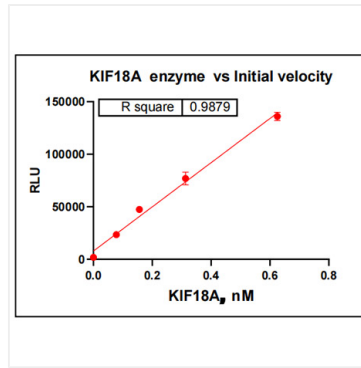
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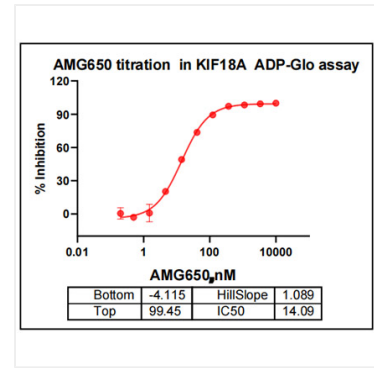
Validation Data



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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