Recombinant Human KIF11 Protein

Catalog No.: RP03517LQ

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Sequence Information

Species
Human

Gene ID
3832

Swiss Prot
P52732

Tags
NO-Tag

Synonyms
KIF11, EG5, KNSL1, TRIP5,Kinesin-like protein KIF11,

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
41.1 kDa

Observed MW
40-45 Kda

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
0.22 μm filtered solution of 50 mM HEPES (pH7.0), 200 mM NaCl, 5% glycerol, 1 mM DTT, 2 mM MgCl2.

Reconstitution

Background

KIF11 Protein, a pivotal motor protein, orchestrates mitotic spindle formation and aids in Golgi-to-surface protein transport. Beyond mitosis, it engages in complex interactions, binding to thyroid hormone receptor, participating in chromatin remodeling, and interacting with NEK6, RARRES1, and AGBL2. This multifaceted role highlights KIF11's diverse contributions to cellular processes. KIF11 Protein.

Basic Information

Description
Recombinant Human KIF11 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met 1-Lys368) of Human KIF11 (NP_004514.2) fused with no tag.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

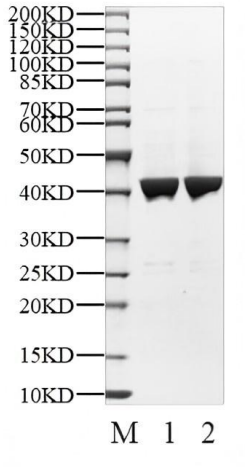
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human KIF11 Protein was determined by SDS-PAGE under reducing conditions(1) and No reducing conditions (2).

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