

## KIF3A 抗原（重组蛋白）

中文名称： KIF3A 抗原（重组蛋白）

英文名称： KIF3A Antigen (Recombinant Protein)

别名： FLA10; KLP-20

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 355-590 amino acids of human KIF3A

技术规格

<b>Full name:</b>	kinesin family member 3A
<b>Synonyms:</b>	FLA10; KLP-20
<b>Swissprot:</b>	Q9Y496
<b>Gene Accession:</b>	BC045542
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Kinesin-like protein KIF3A is a protein that in humans is encoded by the KIF3A gene. Members of the heterotrimeric kinesin II family of microtubule associated motors generally contain two different motor subunits from the KIF3 family, which includes KIF3A, B and C. KIF3 isoforms mediate anterograde transport of membrane bound organelles in neurons and melanosomes, transport between the endoplasmic reticulum and the Golgi, and transport of prot

in complexes within cilia and flagella required for their morphogenesis. KIF3A may influence neurogenesis at the level of embryonic cellular events, where the asymmetry of the genetic control circuit controlling left-right (L-R) axis determination is defined. Loss of KIF3A function in mice photoreceptors causes apoptotic cell death, suggesting that kinesin II mediated transport is required for proper cell fate.