

## KIF5B-ALK Protein, Human, Recombinant (Kex24Aex20, GST)

### General Information

|                       |   |
|-----------------------|---|
| Protein Construction: | Recombinant human fusion KIF5B (1-921 a.a., exons1-24) - ALK (1058a.a.-end, exons20-29) protein was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. |
| Species:              | Human   |
| Expression Host:      | Baculovirus-Insect Cells  |
| Accession:            | P33176 & Q9UM73   |
| Molecular Weight:     | ~195 kDa  |

### QC Testing

|                      |  |
|----------------------|--|
| Biological Activity: | The specific activity of KIF5B-ALK (Kex24Aex20) was determined to be 13.2 nmol/min/mg by ADP-Glo kinase assay.                       |
| Purity:              | >85% as determined by SDS-PAGE.  |
| Formulation:         | Supplied as sterile 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, and 25% glycerol. |

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Enzymes are highly recommended to be shipped at frozen temperature with dry ice. Shipment made at ambient temperature may seriously affect the activity of the ordered products.

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