Catalog Number: 503530



# **General Information**

#### Gene Name Synonym

K-Ras 2; Ki-Ras; c-K-ras; c-Ki-ras; GTPase KRas, N-terminally processed

# **Protein Construction**

A DNA sequence encoding the human KRAS (AAH13572.1) (Thr2-Cys185, natural variant Gly 12 Cys) was expressed with a polyhistide tag at the N-terminus.

#### Organism

Human

# **Expression Host**

E. coli

# **QC Testing**

# Purity

> 85 % as determined by SDS-PAGE

# Endotoxin

Please contact us for more information.

# Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}$ C

# **Predicted N terminal**

Met

# **Molecular Mass**

The recombinant human KRAS consists of 202 amino acids and has a calculated molecular mass of 23.3 kDa.

#### Formulation

Lyophilized from sterile PBS, pH 7.4.1. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

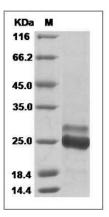
#### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

# SDS-PAGE



Human K-Ras / K-Ras (12 Cys) Protein (His Tag) SDS-PAGE