

Recombinant Human GTPase KRas/KRAS (G12R) Protein

Catalog No.: RP02975LQ Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 3845 P01116-2

Tags

N-8His

Synonyms

NS; NS3; OES; CFC2; RALD; K-Ras; KRAS1; KRAS2; RASK2; KI-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; K-Ras 2; 'C-K-RAS; c-Ki-ras; c-Ki-ras2

Product Information

| Source | Purification | |
|---------|-------------------------------|--|
| E. coli | ≥ 95 % as | |
| | al a kan mara bara al da conf | |

determined by SDS-

PAGE

Calculated MW Observed MW

23.6 kDa 25-26 kDa

Endotoxin

Please contact us for more information.

Formulation

Supplied as a 0.22 μm filtered solution in 20mM Tris, 150mM NaCl, 1mM DTT, 10% glycerol, pH7.4

Reconstitution

Contact

| <u>a</u> | 400-999-6126 |
|-----------|---------------------------|
| \bowtie | cn.market@abclonal.com.cn |
| <u>~</u> | www.abclonal.com.cn |

Background

Basic Information

Description

Recombinant Human GTPase KRas/KRAS (G12R) Protein is produced by *E. coli* expression system. The target protein is expressed with sequence of Human GTPase KRas/KRAS (G12R) (Accession #)fused with N-terminal 8x his tag+ TEV cleavage site and C-terminal Avi tag.

Bio-Activity

KRAS-G12R activity test using HTRF method.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

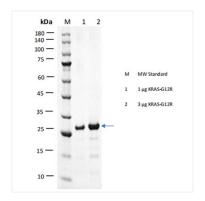
Storage

Store at -70°C. This product is stable at \leq -70°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. Avoid repeated freeze/thaw cycles.

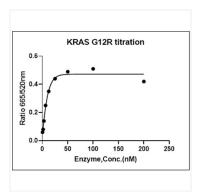
Operational Notes

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

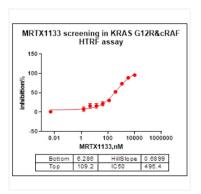
Validation Data



Recombinant Human GTPase KRas/KRAS (G12R) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



KRAS-G12R activity test using HTRF method. The KRAS-G12R activity was assayed with HTRF technology. The reaction was performed by incubating the KRAS-G12R protein, GTP, cRAF and beads at 25°C for 60 min, then reading Ratio 665/620nm signal with BMG.



KRAS-G12R activity test using HTRF method. The KRAS-G12R activity was assayed with HTRF technology. The reaction was performed by incubating the KRAS-G12R protein, GTP, cRAF and beads at 25°C for 60 min, then reading Ratio 665/620nm signal with BMG.