Recombinant Human GTPase KRas/KRAS (G12C) (GDP load)Protein

Catalog No.: RP02973LQ

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Sequence Information

Species
Human

Gene ID
3845

Swiss Prot
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
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MWObserved MW

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

Background

Basic Information

Description
Recombinant Human GTPase KRas/KRAS (G12C) (GDP load) Protein is produced by *E. coli* expression system. The target protein is expressed with sequence of Human GTPase KRas/KRASS (G12C) (Accession #)fused with N-terminal 8x his tag+ TEV cleavage site.

Activity
KRAS-G12C activity test using HTRF method.

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℃

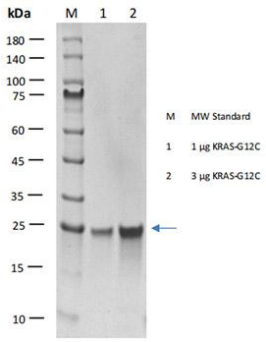
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

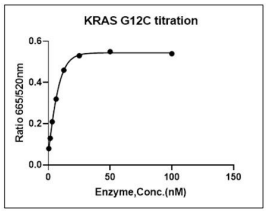
400-999-6126
cn.market@abclonal.com.cn
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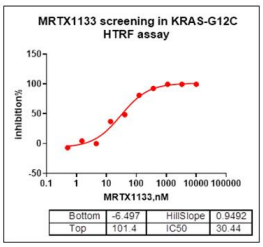
Validation Data



Recombinant Human GTPase KRas/KRAS (G12C) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



KRAS-G12C activity test using HTRF method. The KRAS-G12C activity was assayed with HTRF technology. The reaction was performed by incubating the KRAS-G12C protein, GTP, cRAF and beads at 25℃ for 60 min, then reading Ratio 665/620nm signal with BMG.



KRAS-G12C activity test using HTRF method. The KRAS-G12C activity was assayed with HTRF technology. The reaction was performed by incubating the KRAS-G12C protein, GTP, cRAF and beads at 25℃ for 60 min, then reading Ratio 665/620nm signal with BMG.