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Recombinant Human GTPase KRas/KRAS (GDP load) Protein

Catalog No.: RP02972LQ 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 determined by SDS-PAGE.

Calculated MW	Observed MW
23.5 kDa	24-25 kDa

Endotoxin
Please contact us for more information.

Formulation
Supplied as a 0.22 μm filtered solution in 5 mM Tris, 50 mM NaCl, 1 mM MgCl2, 1 mM DTT, 10% glycerol, pH 7.5

Reconstitution

Background

Basic Information

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

Bio-Activity
KRAS-WT activity test using HTRF method.

Storage
Store at -70℃. This product is stable at ≤ -70℃ 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.
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Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

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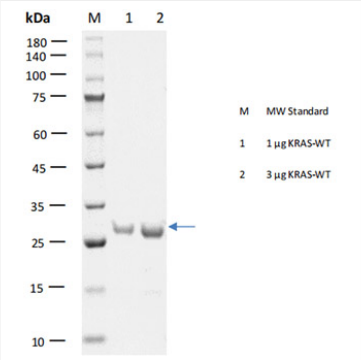
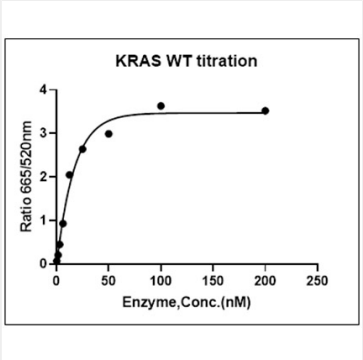
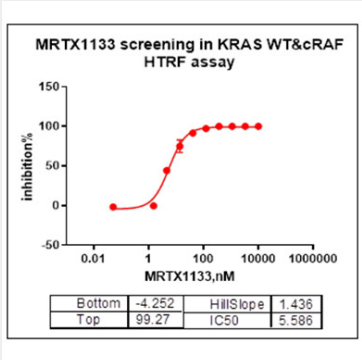
Validation Data



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



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



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