PRODUCT DATASHEET

Biotinylated KRAS (G13C)

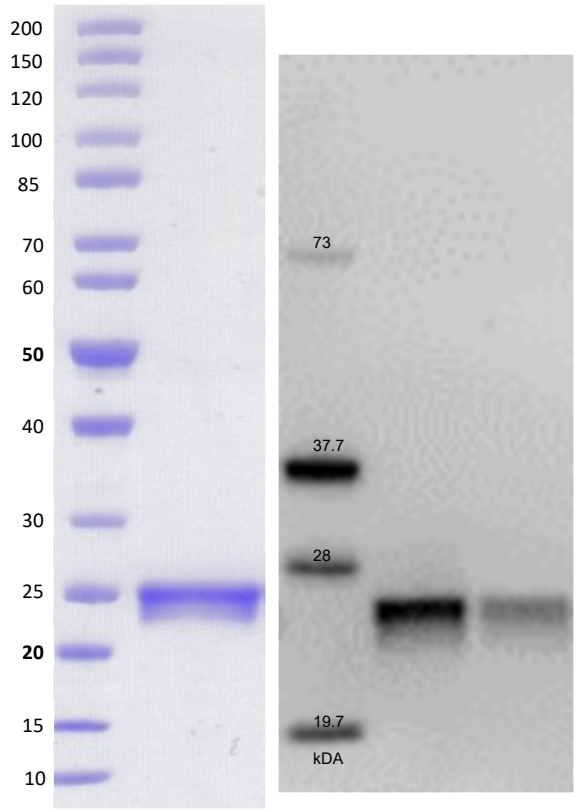
CATALOG NO.: MSC-11-603 **LOT NO.:**

DESCRIPTION: Mutant human recombinant KRAS (G13C) with cysteine (C) substituted for glycine-13 (G13) (otherwise contains wildtype residues 2-169; Genbank Accession #NP_004976.2; MW = 23.8 kDa) expressed as an N-terminal 8xHis-fusion and C-terminal BSP-tag protein in *E. coli*.

PURITY: >90% by SDS-PAGE.

SUPPLIED AS: ___ µg/µL in 25 mM Tris, pH 8.0, 500 mM NaCl, 5% glycerol, 5mM $MgCl_2$, 2 mM DTT as determined by OD_{595}.

STORAGE: -70°C. Thaw quickly and store on ice before use. The remaining, unused, undiluted protein should be snap frozen, for example in a dry ice/ethanol bath or liquid nitrogen. Minimize freeze/thaws if possible, but very low volume aliquots (<5 µl) or storage of diluted enzyme is not recommended.



Coomassie blue-stained SDS-PAGE (8-16% acrylamide) of 4 µg of RBC biotinylated KRAS (G13C). MW markers of ladder (left) from top, 200, 150, 120, 100, 85, 70, 60, 50, 40, 30, 25, 20, 15, 10 kDa.

Western blot of 0.75 and 0.25µg biotinylated KRAS (G13C). Biotinylated protein was detected using IRDye 680TL conjugated streptavidin (Licor IRDye690LT 926-68031) and imaged using LI-COR Odyessey Fx.

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