

HRAS recombinant protein

Recombinant HRAS (1-186) protein

CATALOG #
AAA60378

HOST
E coli

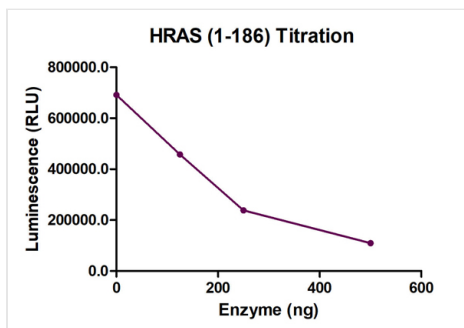
PRODUCT SYNONYMS

HRAS; Recombinant HRAS (1-186) protein; GTPase HRas; HRAS1; HRas proto-oncogene; GTPase; H-Ras; HRAS recombinant protein

PRODUCT SPECIFICATIONS

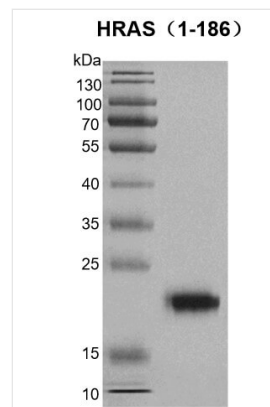
Host	E coli
Form/Format	Recombinant HRAS (1-186) protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant HRAS (1-186) protein that includes amino acids 1-186 of human HRAS protein (accession number NP_005334.1) was expressed in E coli cells with an C-terminal 6xHis tag. The molecular weight of the protein is 22.06kDa.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

IMAGES



Application Data

GTPase-Glo assay for HRAS (1-186) activity 1uM rGTP and 0.5 mM DTT was incubated with different concentrations of HRAS (1-186) in GTPase/GAP Buffer for 60 minutes at room temperature, the total reaction volume was 5ul. To the completed GTPase reactions, we added 5ul of reconstituted GTPase-Glo Reagent to each well and incubated the plate for 30 minutes. Then detection Reagent (10ul) was added, reactions were incubated for 10 minutes and luminescence was measured.



SDS-PAGE

Recombinant MRM1-MBD protein 12.5% SDS-PAGE gel stained with Coomassie Blue. MW: 22.06kDa Purity: >95%

ADDITIONAL INFORMATION

Related Product Information for HRAS recombinant protein

HRAS (GTPase HRas) protein encoded by HRAS is a GTPase. HRas is a small G protein that belongs to the small GTPase superfamily. When HRas is combined with guanosine triphosphate, it will bind to Raf kinases such as c-Raf and further activate MAPK/ERK path. Mutations in this gene have been associated with a variety of cancers, including bladder cancer, follicular thyroid cancer, and oral squamous cell carcinoma.

Product Categories/Family for HRAS recombinant protein

[Recombinant Proteins](#)

NCBI AND UNIPROT INFORMATION

Molecular Weight	22.06kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hras-recombinant-protein-e-coli/60378>