

BRAF, Active

Catalog No: B08-11G

BRAF is a serine/threonine protein kinase, and is a member of the RAF family activated by growth factor-induced stimulation. It is an important signal transduction molecule that mediates RAS activate, which induces further heterodimerization of cRaf and BRAF, ultimately promoting cell proliferation. BRAF also phosphorylates MAP2K1, further activating the MAP kinase signal transduction pathway. Activating mutations in the BRAF gene are present in a large percentage of human malignant melanomas and in a proportion of colon cancers. SignalChem's recombinant human BRAF (416-766) was expressed by baculovirus in Sf9 insect cells using a N-terminal GST tag.

Unique Selling Points



Effective Kinase
research tool



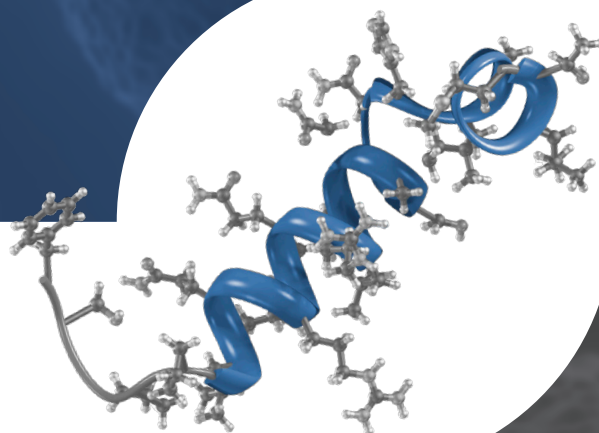
Activity determined
using 2 assays



QA/QC scrutinized



Highly active kinase



Competitors

ThermoFisher
SCIENTIFIC

NOVUS
BIOLOGICALS
a biotechne® brand

CUSABIO®

Target Customers



University researchers
studying BRAF functions



Biopharma developing
BRAF targeting therapies



Government research
organizations



Scientists testing
BRAF inhibitors



Biotech companies
researching BRAF