

RIPK1, Active

Catalog No: R07-10G

Receptor-interacting protein kinase or RIPK1 is a serine/threonine with N-terminal Kinase domain, C-terminal death domain and an intermediate RHIM domain. The C-terminal mediates homo & heterodimerization with other death domain containing proteins such as FADD and Fas, and N-terminal mediates autoactivation through autophosphorylation. RIPK1 also interacts with TRADD, TRAF1 TRAF2 and TRAF3 and TRADD can act as an adaptor protein to recruit RIPK1 to the TNFR1 complex in a TNF-dependent process. Considering this, RIPK1 has emerged as a promising target to treat various human diseases such as cancer, Alzheimer's and ALS. SignalChem's full-length recombinant human RIPK1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.

Unique Selling Points



Unique product to
Signalchem



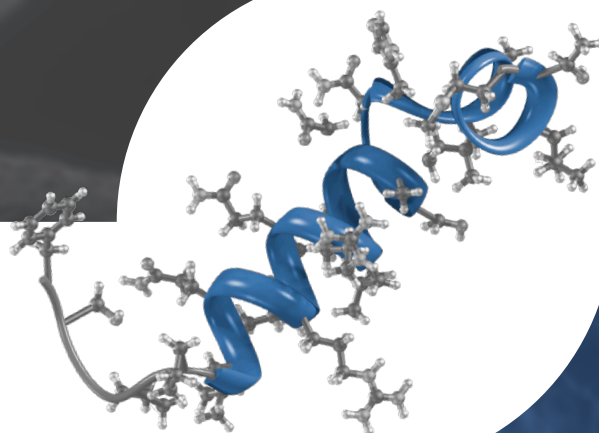
Activity determined by
radiometric & activity assay



Effective for Kinase activity
& inhibition studies



Highly active kinase



Competitors



SIGMA-ALDRICH



Applications



Enzyme Linked
immunosorbent assays



Western blot



Protein Array



Recombinant
antibody production



Compound
profiling studies