

Datasheet for ABIN7585818
RAF1 Protein (AA 1-648) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | RAF1 |
| Protein Characteristics: | AA 1-648 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RAF1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|--------------|---|
| Sequence: | <p>MEHIQGAWKT ISNGFGLKDA VFDGSSCISP TIVQQFGYQR RASDDGKLTD SSKTSNTIRV</p> <p>FLPNKQRTVV NVRNGMSLHD CLMKALKVRG LQPECCAVFR LLQEHKGKKA RLDWNTDAAS</p> <p>LIGEELQVDF LDHVP LTTN FARKTFLKLA FCDICQKFL NGFRCQTCGY KFHEHCSTKV</p> <p>PTMCVDWSNI RQLLLFPNST ASDSGVPAPP SFTMRRMRES VSRMPASSQH RYSTPHAFTF</p> <p>NTSSPSSEGS LSQRQRSTST PNVH MVSTTL PVDSRMIEDA IRSHSESASP SALSSSPNNL</p> <p>SPTGWSQPKT PVPAQRERAP GSGTQEK NKI RPRGQRDSSY YWEIEASEVM LSTRIGSGSF</p> <p>GTVYKGKWHG DVAVKILKV DPTPEQLQAF RNEVAVLRKT RHVNILLFMG YMTKDNLAIV</p> <p>TQWCEGSSLY KHLHVQETKF QMFQLIDIAR QTAQGMDYLH AKNIHRDMK SNNIFLHEGL</p> <p>TVKIGDFGLA TVKSRWSGSQ QVEQPTGSVL WMAPEVIRMQ DNNPFSFQSD VYSYGIVLYE</p> <p>LMTGELPYSH INNRDQIIFM VGRGYASPD L SRLYKNCPKA MKRLVADCVK KVKEERPLFP</p> <p>QILSSIELLQ HSLPKINRSA SEPSLHRAAH TEDINACTLT TSPRLPVF</p> |
| Specificity: | Rattus norvegicus (Rat) |

Product Details

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: RAF1

Alternative Name: RAF proto-oncogene serine/threonine-protein kinase (Raf1) ([RAF1 Products](#))

Background: Recommended name: RAF proto-oncogene serine/threonine-protein kinase.
EC= 2.7.11.1.
Alternative name(s): Proto-oncogene c-RAF.
Short name= cRaf Raf-1

UniProt: [P11345](#)

Pathways: [MAPK Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#), [Stem Cell Maintenance](#), [Hepatitis C](#), [Autophagy](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [VEGF Signaling](#), [BCR Signaling](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Handling

| | |
|------------------|---|
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |