

Recombinant human DRAK1 protein

Catalog Number: ATGP2607

PRODUCT INFORMATION

Expression system

E.coli

Domain

64-321aa

UniProt No.

Q9UEE5

NCBI Accession No.

NP_004751

Alternative Names

Serine/threonine kinase 17A, STK17A, DRAK1, DAP kinase-related apoptosis-inducing protein kinase 1, Serine threonine-protein kinase 17A

PRODUCT SPECIFICATION

Molecular Weight

31.9 kDa (281aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

STK17A is a member of the DAP kinase-related apoptosis-inducing protein kinase family and encodes an autophosphorylated nuclear protein with a protein kinase domain. The protein has apoptosis-inducing activity. Recombinant human STK17A protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSRELGRG KFAVVRKCIK KDSGKEFAAK FMRKRRKGQD CRMEIHEIA VLELAQDNPW

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VINLHEVYET ASEMILVLEY AAGGEIFDQC VADREEAFKE KDVQRLMRQI LEGVHFLHTR DVVHLDLKPQ NILLTSESP
GDIKIVDFGL SRILKNSEEL REIMGTPEYV APEILSYDPI SMATDMWSIG VLTYVMLTGI SPFLGNDKQE TFLNISQMNL
SYSEEEFDVL SESAVDFIRT LLVKKPEDRA TAEELKHPW L

General References

Sanjo H., et al (1998). J. Biol. Chem. 273:29066-29071

Mao P., et al (2011). J. Biol. Chem. 286:19381-19391

DATA

SDS-PAGE

(kDa)

70

57

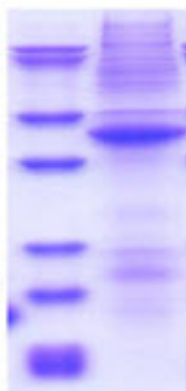
40

28

18

13.5

8.5



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.