

Recombinant Human Serine/threonine-protein kinase OSR1 (OXSR1)

Catalog No.: TP03275

50µg

Sequence Information

Species: Human

Gene ID:9943

Swiss Prot:O95747

Synonyms:Serine/threonine-protein kinase

OSR1, KIAA1101, OSR1, Oxidative stress-responsive 1 protein, Serine threonine-protein kinase OSR1

Residues:Met1-Ser527

MSEDSSALPWSINRDDYELQEVIGSGATAVVQAAYCAPKKEKVAIKRINLEKCQ
TSMDELLKEIQAMSQCHHPNIVSYYTSFVVKDELWLVMKLLSGGSVLDIIKHIV
AKGEHKSGLVDESTIATILREVLEGLEYLHKNGQIHRDVKAGNILLGEDGSVQI
ADFGVSAFLATGGDITRNKVRKTFVGTPCWMAPEVMEQVRGYDFKADIWSFGIT
AIELATGAAPYHKYPPMKVLMMLTLQNDPPSLETGVQDKEMLKKGKSFVKMISL
CLQKDPEKRPTAAELLRHKFFQKAKNKEFLQEKTLQRAPTISERAKKVRVP
SGRLHKTEDGGWEWSDDDEFDEESEEKAAISQLRSPRVKESISNSELFPTTDPV
GTLLQVPEQISAHLPQAGQIATQPTQVSLPPTAEPAKTAQALSSGSGSQETKI
PISLVLRRLNSKKELNDRFEFTPGRDTAEGVSQELISAGLVDGRDLVIVAANL
QKIVEEPQSNRSVTFKLASGVEGSDIPDDGKLIGFAQLSIS

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.4

Predicted Molecular Mass: 60.4kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

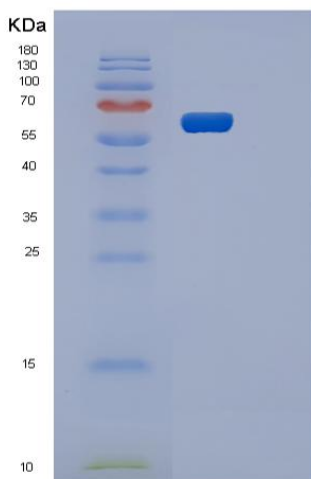


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.