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Recombinant human SCAND1 protein

Catalog Number: ATGP0759

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-179aa

UniProt No.

H0UIA5

NCBI Accession No.

NP 361012

Alternative Names

SCAN domain-containing protein 1, RAZ1, SDP1, Leap1, Pgc2, Ppargc2

PRODUCT SPECIFICATION

Molecular Weight

21.2 kDa (199aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

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

SCAN domain-containing protein 1, also known SCAND1, belongs to a family of genes that encode an isolated SCAN domain. SCAND1 contains one SCAN box domain and, unlike the majority of other SCAN domain containing proteins, it does not contain a zinc finger motif. SCAND1 is a nuclear protein that may play a role in the mechanism of transcription regulation. It is widely expressed with highest levels of expression found in kidney, thyroid, liver, prostate and testis. Recombinant human SCAND1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



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Amino acid Sequence

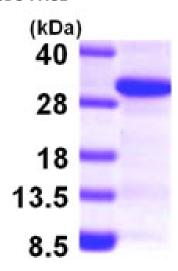
MGSSHHHHHH SSGLVPRGSH MAATEPILAA TGSPAAVPPE KLEGAGSSSA PERNCVGSSL PEASPPAPEP SSPNAAVPEA IPTPRAAASA ALELPLGPAP VSVAPQAEAE ARSTPGPAGS RLGPETFRQR FRQFRYQDAA GPREAFRQLR ELSRQWLRPD IRTKEQIVEM LVQEQLLAIL PEAARARRIR RRTDVRITG

General References

Schumacher C., et al. (2000) J Biol Chem. 275:17173-17179. Sander T., et al. (2000) J Biol Chem. 275:12857-12767.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)