

AR09698PU-N

Human SCAND1 (1-179, His-tag) - Purified

Alternate names:

SCAN domain-containing protein 1, SCAND-1, SDP1

Quantity:

50 µg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[P57086](#)

NCBI:

[NP_057642](#)

GeneID:

[51282](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

Description:

Recombinant human SCAND1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MAATEPILAA TGSPAAPPE KLEGAGSSSA PERNCVGSSL
PEASPPAPEP SSPNAAVPEA IPTPRAAASA ALELPLGPAP VSVAPQAEAE ARSTPGPAGS
RLGPETFRQR FRQFRYQDAA GPREFRQLR ELSRQWLRPD IRTKEQIVEM LVQEQLLAIL
PEAARARRIR RRTDVRLTG

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

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

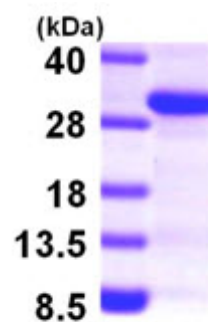
Shelf life: one year from despatch.

General Readings:

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

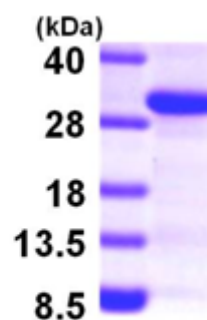
Sander T., et al. (2000) J Biol Chem. 275:12857-12767.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human SCAND1, 1- 179 aa,
His-tagged



15% SDS-PAGE (3ug)