

**SCAND1, 1-179aa, Human, His tag, E.coli**

**Cat.NO.: TP03855**

3th Edition

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

**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.

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

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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMAATEPILAATGSPAAVPPEKLEGAGSSSAPERNCVGSLLPEASPPAPEPSSPNA  
AVPEAIPTPRAAASAALPLGPAPVSVAPQAEAEARSTPGPAGSRLGPETFRQFRQFRYQDAAGPREAFRQLR  
ELSRQWLRPDIRTKEQIVEMLVQEQLLAILPEAARARRIRRTDVRITG

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.