

Recombinant Human SCAND1 Domain Containing 1, His-tagged

Cat. No. SCAND1-2848H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SCAND1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 21.2 kDa (199aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher).
Species	Human
Source	E.coli
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.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MAATEPILAA TGSPAAPVPE KLEGAGSSSA PERNCVGSSL PEASPPAPEP SSPNAAVPEA IPTPRAAASA ALELPLGPAP VSVAPQAEAE ARSTPGPAGS RLGPETFRQR FRQFRYQDAA GPREFRQLR ELSRQWLRPD IRTKEQIVEM LVQEQLLAIL PEARARRIR RRTDVRITG
Purity	> 90% by SDS – PAGE.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl.

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Concentration	1 mg/ml (determined by Bradford assay).
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.
GENE INFORMATION	
Gene Name	SCAND1 SCAN domain containing 1 [Homo sapiens]
Synonyms	SCAND1; SCAN domain containing 1; RAZ1; SDP1; SCAN domain-containing protein 1; OTTHUMP00000030813; SCAN domain-containing 1; SCAN-related protein RAZ1
Gene ID	51282
mRNA Refseq	NM_016558
Protein Refseq	NP_057642
MIM	610416
UniProt ID	P57086
Chromosome Location	20q11.1-q11.23
Function	identical protein binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity