

## SCAND1 Human

**Description:** SCAND1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 199 amino acids (1-179 a.a.) and having a molecular mass of 21.2kDa (molecular weight on SDS-PAGE will appear higher). SCAND1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-276

For research use only.

**Synonyms:** RAZ1, SDP1, SCAN domain containing 1, SCAN-related protein RAZ1.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MAATEPILAA TGSPAAVPPE  
KLEGAGSSSA PERNCVGSSL PEASPPAPEP SSPNAAVPEA IPTPRAAASA ALELPLGPAP  
VSVAPQAEAE ARSTPGPAGS RLGPFTRQR FRQFRYQDAA GPREFRQLR ELSRQWLRPD  
IRTKEQIVEM LVQEQLLAIL PEAARARRIR RRTDVRITG

**Purity:** Greater than 90% as determined by SDS-PAGE.

### Formulation:

The SCAND1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 100mM NaCl and 10% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

SCAND1 is a part of a family of genes which encode an isolated SCAN domain. SCAN domain containing 1 has one SCAN box domain and has no zinc finger motif, which distinct this protein from almost all other SCAN domain containing proteins. SCAND1 is a nuclear protein that takes a part in the mechanism of transcription regulation. SCAND1 is extensively expressed in high levels in the kidney, thyroid, liver, prostate and testis.

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