
Product Data Sheet

Product Name: SCAND1 Human
 Cat. No.: GP24493
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RAZ1; SDP1; SCAN domain containing 1; SCAN-related protein RAZ1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAATEPILAA TGSPAAPPE KLEGAGSSSA PERNCVGSSL PEASPPAPEP SSPNAAVPEA IPTPRAAASA ALELPLGPAP VSVAPQAEAE ARSTPGPAGS RLGPFTRQR FRQFRYQDAA GPREAFRQLR ELSRQWLRPD IRTKEQIVEM LVQEQLLAIL PEAARARRIR RRTDVRITG		
Formulation	The SCAND1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 100mM NaCl and 10% glycerol.		

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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