
Product Data Sheet

Product Name: TCEAL1 Human
 Cat. No.: GP24792
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Transcription elongation factor A protein-like 1; TCEA-like protein 1; Nuclear phosphoprotein p21/SIIR; Transcription elongation factor S-II protein-like 1; TCEAL1; SIIR; p21; pp21.		
Amino Acid Sequence	MDKPRKENEE EPQSAPKTDE ERPPVEHSPE KQSPEEQSSE EQSSEEEFFP EELLPELLPE MLLSEERPPQ EGLSRKDLFE GRPPMEQPPC GVGKHKLEEG SFKERLARSR PQFRGDIHGR NLSNEEMIQA ADELEEMKRV RNKLMIMHWK AKRSRPYPIL EHHHHHH.		
Formulation	The TCEAL1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 0.1M NaCl.		

Introduction

Transcription elongation factor A protein-like 1 (TCEAL1) is a member of the transcription elongation factor A (SII)-like (TCEAL) family, which may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. TCEAL1 is involved in transcriptional regulation. TCEAL1 is expressed in all tissues, especially highly expressed in the heart, ovary, prostate and skeletal muscle.

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

TCEAL1 Human Recombinant fused with an 8 amino acid His tag at C-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 167 amino acids (1-159 a.a.) and having a molecular mass of 19.7kDa. The TCEAL1 is purified by proprietary

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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chromatographic techniques.

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