
Product Data Sheet

Product Name: TCEAL8 Human
 Cat. No.: GP24795
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Transcription elongation factor A protein-like 8; TCEA-like protein 8; Transcription elongation factor S-II protein-like 8; TCEAL8.		
Amino Acid Sequence	MQKSCEENEG KPQNMPKAE DRPLEDVPQE AEGNPQPSEE GVSQEAEGNP RGGPNQPGQG FKEDTPVRHL DPEEMIRGVD ELERLREEIR RVRNKFVMMH WKQRHSRSP YPVCFRPLEH HHHHH.		
Formulation	TCEAL8 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, pH8.0, 20% glycerol, 1mM DTT and 200mM NaCl.		

Introduction

Transcription elongation factor A protein-like 8 (TCEAL8) is a member of the TFS-II family and TFA subfamily. TCEAL8 is involved in transcriptional regulation and localized in nucleus. TFS-II family members contain TFA domains and act as nuclear phosphoproteins which control transcription in a promoter context-dependent mode. Numerous family members are found on the X chromosome.

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

TCEAL8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 125 amino acids (1-117 a.a) and having a molecular mass of 14.7kDa (Molecular weight on SDS-PAGE will appear higher). TCEAL8 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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

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