
Product Data Sheet

Product Name: TCEA2 Human
 Cat. No.: GP24791
 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 2; Testis-specific S-II; Transcription elongation factor S-II protein 2; Transcription elongation factor TFIIS.I; TCEA2; TFIIS; Transcription Elongation Factor A (SII) 2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMGKEEE IARIARRLDK MVTKKSAEGA MDLLRELKAM PITLHLLQST RVGMSVNALR KQSSDEEVIA LAKSLIKSWK KLLDASDAKA RERGRGMPLP TSSRDASEAP DPSRKRPELP RAPSTPRITT FPPVPVTCDA VRNKCREMLT AALQTDHHDHV AIGADCERLS AQIEECIFRD VGNTDMKYKN RVRSRISNLK DAKNPDLRRN VLCGAITPQQ IAVMTSEEMA SDELKEIRKA MTKEAIREHQ MARTGGTQTD LFTCGKCRKK NCTYTQVQTR SSDEPMTTFV VCNECGNRWK FC.		
Formulation	TCEA2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.25M NaCl.		

Introduction

Transcription Elongation Factor A (SII)- 2 (TCEA2) is located in the nucleus, where it serves as an SII class transcription elongation factor. Elongation factors in this class are responsible for discharging RNA polymerase II ternary complexes from transcriptional arrest at template-encoded arresting sites. TCEA2 interacts with general transcription factor IIB, a basal transcription factor.

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

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

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

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TCEA2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-299 a.a) and having a molecular mass of 36kDa. TCEA2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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