9051 Mira Mesa Blvd, #910094
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TEF Human

Thyrotrophic Embryonic Factor Human Recombinant
RCP2349

Product Overview

Name	TEF Human
Description	
Thyrotrophic Embryonic Factor Human Recombinant	
Accession (Primary)	Q10587
Synonyms	
Thyrotroph embryonic factor, TEF, Thyrotroph embryonic factor isoform 1.FBG2, FBS2, FBX6, Fbx6b, F-box only protein 6, F-box protein that recognizes sugar chains 2, F-box/G-domain protein 2, FBXO6.	
Introduction	
Thyrotroph embryonic factor (TEF) is a nuclear transcription factor which is a part of the bZIP (basic region/leucine zipper) family and PAR subfamily. TEF binds DNA as either a homodimer or heterodimer, and is known to transactivate the TSH beta promoter. TEF accumulates according to a robust circadian rhythm and is also inhibits cell growth by down-regulating beta chain expression of cytokine receptors.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The TEF solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) 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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSDAGGG KKPPVDPQAG PGPGPGRAAG ERGLSGSFPL VLKKLMENPP REARLDKEKG KEKLEEDEAA AASTMAVSAS LMPPIWDKTI PYDGESFHLE YMDLDEFLLE NGIPASPTHL AHNLLLPVAE LEGKESASSS TASPPSSSTA IFQPSETVSS TESSLEKERE TPSPIDPNCV EVDVNFNPDP ADLVLSSVPG GELFNPRKHK FAEEDLKPQP MIKKAKKVFV PDEQKDEKYW TRRKKNNVAA KRSRDARRLK	

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ENQITIRAAF LEKENTALRT EVAELRKEVG KCKTIVSKYE TKYGPL.

Precautions

TEF Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q10587)