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## Product Data Sheet

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Product Name: EAF1 Human  
 Cat. No.: GP23348  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ELL-associated factor 1; EAF1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSDIIEQMS SSSGSSSSDS ESSSGSDDDS SSSGGEDNGP ASPPQPSHQQ PYNSRPAVAN GTSRPQGSNQ LMNTRLRNDLQ LSESGSDSDD.		
Formulation	The EAF1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.		

### Introduction

ELL Associated Factor 1 (EAF1) is a part of the EAF family and is expressed mainly in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, prostate, testis, small intestine and colon. EAF1 plays a role as a transcriptional transactivator of ELL and ELL2 elongation activities.

### 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

EAF1 Human Recombinant produced in E. coli is a single polypeptide chain containing 110 amino acids (182-268) and having a molecular mass of 11.3kDa. EAF1 is fused to a 23 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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