
Product Data Sheet

Product Name: EHF Human
 Cat. No.: GP23377
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ESE3; ESE3B; ESEJ; ETS homologous factor; hEHF; ETS domain-containing transcription factor; Epithelium-specific Ets transcription factor 3; EHF.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMILEGGG VMNLNPGNNL LHQPPAWTDS YSTCNVSSGF FGGQWHEIHP QYWTKYQVWE WLQHLLDTNQ LDANCIPFQE FDINGEHLCS MSLQEFTRAA GTAGQLLYSN LQHLKWNGQC SSDLFQSTHN VIVKTEQTEP SIMNTWKDEN YLYDTNYGST VDLLDSKTFC RAQISM TTTT HLPVAESPDM KKEQDPPAKC HTKKHNPRGT HLWFEIRDIL LNPDKNPGLI KWEDRSEGVF RFLKSEAVAQ LWGKKKNSS MTYEKLSRAM RYYYKREILE RVDGRRLVYK FGKNARGWRE NEN.		
Formulation	The EHF solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

ETS homologous factor (EHF) is a part of the ESE subfamily of Ets transcription factors. Ets factors are an important kind of transcriptional regulators which take part in hematopoiesis, angiogenesis, organogenesis, oncogenesis and specification of neuronal connectivity. EHF is expressed solely in a subset of epithelial cells, with highest expression noticed in glandular epithelium of the prostate, pancreas, salivary gland and trachea. EHF transactivates the c-Met promoter via 3 high affinity binding sites, which support the notion that EHF contribute to branching morphogenesis.

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.

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

Product Data Sheet

Background

EHF Human Recombinant produced in E. coli is a single polypeptide chain containing 323 amino acids (1-300) and having a molecular mass of 37.3kDa. EHF 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.

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

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