

Recombinant human EHF protein

Catalog Number: ATGP2059

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-300aa

UniProt No.

Q9NZC4

NCBI Accession No.

NP_036285

Alternative Names

ETS homologous factor isoform 2, ESE3, ESE3B, ESEJ

PRODUCT SPECIFICATION

Molecular Weight

37.3 kDa (323aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

ETS homologous factor isoform 2, also known as EHF, is a distinct member of the ESE subfamily of Ets transcription factors. Ets factors constitute one important class of transcriptional regulators that play critical roles in hema-topoiesis, angiogenesis, organogenesis, oncogenesis and specification of neuronal connectivity. It is exclusively expressed in a subset of epithelial cells, with highest expression detected in glandular epithelium of the prostate, pancreas, salivary gland and trachea. EHF transactivates the c-Met promoter via three high affinity binding sites, which suggests that EHF may contribute to branching morphogenesis. Recombinant human

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EHF protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMILEGGG VMNLNPGNNL LHQPPAWTDS YSTCNVSSGF FGGQWHEIHP
QYWTKYQVWE WLQHLLDTNQ LDANCIPFQE FDINGEHLCS MSLQEFTRAA GTAGQLLYSN LQHLKWNGQC SSDLFQSTHN
VIVKTEQTEP SIMNTWKDEN YLYDTNYGST VDLLDSKTFC RAQISM TTTTS HLPVAESPDM KKEQDPPAKC HTKKHNPRGT
HLWEFIRDIL LNPDKNPGLI KWEDRSEGVF RFLKSEAVAQ LWGKKKNNSS MTYEKLSRAM RYYYKREILE RVDGRRLVYK
FGKNARGWRE NEN

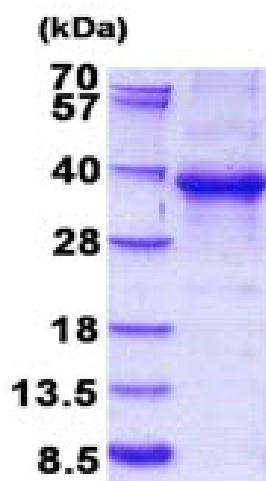
General References

Lin J H., et al. (1998) Cell. 95:393-407.

Kas K., et al. (2000) J Biol Chem. 275:2986-2998.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)