

32-3725: EHF Recombinant Protein

Alternative Name : ESE3,ESE3B,ESEJ,ETS homologous factor,hEHF,ETS domain-containing transcription factor,Epithelium-specific Ets transcription factor 3,EHF.

Description

Source : E.coli. 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. 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 hema-topoiesis, 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.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The EHF solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMILEGGG VMNLNPGNNL LHQPPAWTDS YSTCNVSSGF
 FGGQWHEIHP QYWTQYQVWE WLQHLLDTNQ LDANCIPFQE FDINGEHLCS MSLQEFTRAA
 GTAGQLLYSN LQHLKWNGQC SSDLFQSTHN VIVKTEQTEP SIMNTWKDEN YLYDTNYGST VDLLDSKTF
 RAQISMTTTT HLPVAESPDM KKEQDPPAKC HTKKHNPRGT HLWEFIRDIL LNPDKNPGLI KWEDRSEGVF
 RFLKSEAVAQ LWGKKKNSS MTYEKLSRAM RYYYKREILE RVDGRRLVYK FGKNARGWRE NEN.

