

**EHF, 1-300aa, Human His tag, E.coli**

**Cat.NO.: TP01987**

3th Edition

**Synonyms:**ETS homologous factor isoform 2, ESE3, ESE3B, ESEJ

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

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**37.3 kDa (323aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMILEGGGVMMNLNPGNNLLHQPPAWTDSYSTCNVSSGFFGGQWHEIHPQY  
WTKYQVWEWLQHLLDTNQLDANCIPFQEFDINGEHLCSMSLQEFTRAAGTAGQLLYSNLQHLKWNGQCSSDLFQ  
STHNVIVKTEQTEPSIMNTWKDENLYDTNYGSTVDLLDSKTFCRAQISMTTTSHPVAESPDMKKEQDPPAKCHT  
KKHNPRGTHLWEFIRDILLNPKNPGLIKWEDRSEGVFRFLKSEAVAQLWGKKKNNSSMTYEKLSRAMRYYYKREI  
LERVDGRRLVYKFGKNARGWRENEN

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.