

Product datasheet

Recombinant Human EHF protein ab161968

1 Image

Description

| | |
|--------------------------|--|
| Product name | Recombinant Human EHF protein |
| Expression system | Wheat germ |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | <pre>MLEGGGVMNLPGNLLHQPPAWTDSYSTCNVSSGFFG GQWHEIHPQYW TKYQVWEWLQHLLDTNQLDANCIPFQEFDINGEHLCSMSL QEFTRAAGTA GQLLYSNLQHLKWNGQCSSDLFQSTHNVKTEQTEPSIM NTWKDENLY DTNYGSTVDLLDSKTFCRAQISMTTSHLPVAESPMKKE QDPPAKCHTK KHNPRGTHLWEFIRDILLNPDKNPGLIKWEDRSEGVFRFL KSEAVAQLWG KKKNNSSMTYEKLSRAMRYYYKREILERVDGRRLVYKFGK NARGWRENEN</pre> |
| Amino acids | 1 to 300 |
| Tags | GST tag N-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab161968** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|---------------------|-----------------------|
| Applications | ELISA Western blot |
| Form | Liquid |

Additional notes

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Transcriptional activator that may play a role in regulating epithelial cell differentiation and proliferation. May act as a repressor for a specific subset of ETS/AP-1-responsive genes and as a modulator of the nuclear response to mitogen-activated protein kinase signaling cascades. Binds to DNA sequences containing the consensus nucleotide core sequence GGAA. Involved in regulation of TNFRSF10B/DR5 expression through Ets-binding sequences on the TNFRSF10B/DR5 promoter. May contribute to development and carcinogenesis by acting as a tumor suppressor gene or anti-oncogene.

Tissue specificity

Expressed exclusively in tissues with a high content of epithelial cells. Highly expressed in salivary gland, mammary gland, prostate, and lung. Weakly expressed in kidney and colon. Not detected in heart, brain, placenta, liver, skeletal muscle, spleen, thymus, testis, ovary, small intestine or peripheral blood leukocytes.

Sequence similarities

Belongs to the ETS family.

Contains 1 ETS DNA-binding domain.

Contains 1 PNT (pointed) domain.

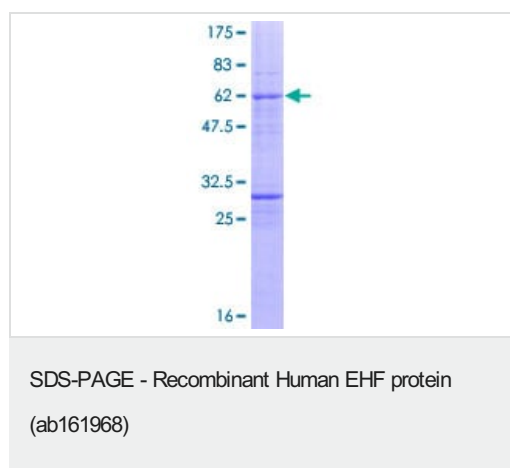
Domain

The PNT domain acts as a transcriptional activator.

Cellular localization

Nucleus.

Images



ab161968 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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