

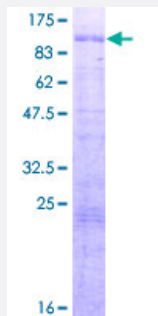
Full-Length

TFE3 (Human) Recombinant Protein (P01)

Catalog # H00007030-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TFE3 full-length ORF (NP_006512.2, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSHAAEPARDGVEASAEGPRAVFVLLLEERRPADSAQLLSLNSLLPESGVADIELENVLDPDSFY
ELKSQPLPLRSSLPLSLQATPATPATLSASSSAGGSRTAMSSSSSSRVLLRQQLMRAQAQEQE
RRERREQAAAAPFPSPAPASPAISVVGVSAGGHTLSRPPPAQVPREVLKVQTHLENPTRYHLQQ
ARRQQVKQYLSTTLGPKLASQALTPPPGPASQPLPAPEAAHTTGPTGSAPNSPMALLTIGSSSE
KEIDDVIDEIISSLESSYNDEMLSYLPGGTTGLQLPSTLPVSGNLLDVYSSQGVATPAITVSNSCPAEL
PNIKREISETAKALLKERQKKDNHNLIERRRRFNINDRIKELGTLIPKSSDPEMRWNKGTLKASVD
YIRKLQKEQQRSKDLESRQRSLEQANRSLQLRIQELELQAQIHGLPVPPTPGLLSLATTASDSLK
PEQLDIEEEGRPGAATFHVGGGPAQNAPHQQPPAPPSDALLDLHFPSDHLGDLGDPFHLGLEDI
LMEEEEGVVGGLSGGALSPLRAASDPLLSSVSPAVSKASSRRSSFSMEEES

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.9

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TFE3

Entrez GeneID[7030](#)**GeneBank Accession#**[NM_006521.3](#)**Protein Accession#**[NP_006512.2](#)**Gene Name**

TFE3

Gene Alias

RCCP2, TFEA, bHLHe33

Gene Description

transcription factor binding to IGHM enhancer 3

Omim ID[314310 605074](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

TFE3, a member of the helix-loop-helix family of transcription factors, binds to the mu-E3 motif of the immunoglobulin heavy-chain enhancer and is expressed in many cell types (Henthorn et al., 1991 [PubMed 1685140]).[supplied by OMIM]

Other Designations

OTTHUMP00000024272|Renal cell carcinoma, papillary|Transcription factor for IgH enhancer|transcription factor E family, member A|transcription factor E3

Disease

- [Disease Progression](#)

- [Disease Susceptibility](#)
- [HIV Infections](#)