

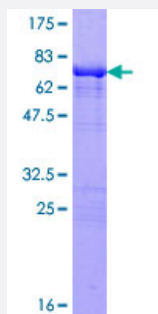
Full-Length

TFAP4 (Human) Recombinant Protein (P01)

Catalog # H00007023-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TFAP4 full-length ORF (NP_003214.1, 1 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEYFMVPTQKVPSLQHFRTKEKEVIGGLCSLANIPLTPETQRDQERRIRREIANSNERRRMQSINA
GFQSLKTLIPHTDGEKLSKAAILQQTAEYIFSLEQEKTRLLQQNTQLKRFIQELSGSSPKRRRAEDK
DEGIGSPDIWEDEKAEDLRREMIELRQQLDKERSVRMMLEEQVRSLEAHMYPEKLKVIAQQVQL
QQQEQVRLHHEKLEREQQLRTQLLPPAPTHHPTVIVPAPPPPSHHINVVTMGPSVINSV
STSRQNLDITVQAIQHIEGTQEKQELEEEQRRVIVKPVRSCEAPTSDDTASDSEASDSDAMDQS
REEPSGDGELP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.1

Interspecies Antigen Sequence

Mouse (98); Rat (98)

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 — TFAP4

Entrez GeneID[7023](#)**GeneBank Accession#**[NM_003223.1](#)**Protein Accession#**[NP_003214.1](#)**Gene Name**

TFAP4

Gene Alias

AP-4, bHLHc41

Gene Description

transcription factor AP-4 (activating enhancer binding protein 4)

Omim ID[600743](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Transcription factors of the basic helix-loop-helix-zipper (bHLH-ZIP) family contain a basic domain, which is used for DNA binding, and HLH and ZIP domains, which are used for oligomerization. Transcription factor AP4 activates both viral and cellular genes by binding to the symmetrical DNA sequence CAGCTG (Mermod et al., 1988 [PubMed 2833704]; Hu et al., 1990 [PubMed 2123466]). [supplied by OMIM]

Other Designations

transcription factor AP-4 (activating enhancer-binding protein 4)

Disease

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