

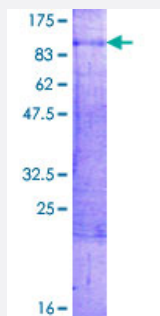
Full-Length

ERF (Human) Recombinant Protein (P01)

Catalog # H00002077-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ERF full-length ORF (AAH22231.1, 1 a.a. - 548 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKTPADTGFAFPDWAYKPESSPGSRQQLWHFILELLRKEEYQGVIWQGDYGEFVIKDPDEVAR
LWGVRKCKPQMNYDKLSRALRYYYNKRILHKTGKRFTYKFNFNKLVLVNYPFIDVGLAGGAVPQS
APPVPSGGSHFRFPSTPSEVLSPTEDPRSPACSSSSSLFSAVVARRLGRGSVSDCSDGTS
ELEEPLGEDPRARPPGPPDLGAFRGPPARLPHDPGVFRVYPRPRGGPEPLSPFPVSPLAGPG
SLLPPQLSPALPMTPTHLAYTPSPTLSPMYPSSGGGGPSGSGGGSHFSFSPEDMKRYLQAHTQSV
YNYHLSPraFLHYPLVVPQQRPDKCLPPMAPETPPVPSSASSSSSSSSSPFKFKLQPPPLG
RRQRAAGEKAVAGADKSGGSAGGLAEGAGALAPPPPPQKVEPISEGESEEEVEVTDISDEDEE
DGEVFKTPRAPPAPPKPEPGEAPGASQCMLKLRFKRRWSEDCRLEGGGGPAGGFEDGED
KKVRGEGPGEAGGPLTPRRVSSDLQHATAQLSLEHRDS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.1

Interspecies Antigen Sequence

Mouse (96); Rat (97)

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 — ERF

Entrez GeneID	2077
GeneBank Accession#	BC022231.1
Protein Accession#	AAH22231.1
Gene Name	ERF
Gene Alias	PE-2, PE2
Gene Description	Ets2 repressor factor
Gene Ontology	Hyperlink
Gene Summary	Members of the ETS family of transcription factors, such as ERF, regulate cell proliferation and differentiation. They share a highly conserved DNA-binding domain, the ETS domain, that recognize the sequence GGAA/T (de Castro et al., 1997 [PubMed 9192842]). For further information on ETS transcription factors, see ETS1 (MIM 164720).[supplied by OMIM]
Other Designations	-