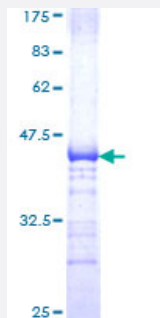


TCF3 (Human) Recombinant Protein (Q01)

Catalog # H00006929-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TCF3 partial ORF (NP_003191, 545 a.a. - 654 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EREKERRVANNARERLRVRDINEAFKELGRMCQLHLNSEKPQTKLLILHQA VSVILNLEQQVRERN LNPKAACLKRREEEEKVSGVVGDPQMVL SAPHPLSEAHNPAGHM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (93); Rat (92)
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 — TCF3

Entrez GeneID	6929
GeneBank Accession#	NM_003200
Protein Accession#	NP_003191
Gene Name	TCF3
Gene Alias	E2A, ITF1, MGC129647, MGC129648, bHLHb21
Gene Description	transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)
Omim ID	147141
Gene Ontology	Hyperlink
Gene Summary	The TCF3 gene, also called E2A, encodes 2 basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. E12 and E47 are involved in regulation of immunoglobulin gene expression (Bain et al., 1994 [PubMed 8001125]).[supplied by OMIM]
Other Designations	E2A immunoglobulin enhancer-binding factor E12/E47 immunoglobulin transcription factor 1 kappa-E2-binding factor transcription factor 3 transcription factor E2-alpha