

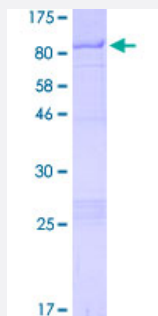
Full-Length

TOX3 (Human) Recombinant Protein (P01)

Catalog # H00027324-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human TOX3 full-length ORF (XP_946123.1, 1 a.a. - 576 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDVRFYPAAAGDPASLDFAQCLGYYGYSKFGNNNNYMNMAEANNAFFAASEQTFHTPSLGDEE
FEIPITPPPESDPALGMPDVLLPFQALSDPLPSQGSEFTQFPPQSLDLPSITISRNLEQDGVH
SSGLHMDQSHTQVSQYRQDPSLMRSIVHMTDAARSGVMPPAQLTTINQSQLSAQLGLNLGGAS
MPHTSPSPASKSATPSPSSSINEEADAENRAIGEKRAAPDSGKKPKTPKKKKKKDPNEPQKP
VSAYALFFRDTQAAIKGQNPATFGEVSKIVASMWDSLGEQKQVYKRKTEAAKKEYLKALAAAYR
ASLVSKAAAESAEAQTIQSVQQLASTNLTSLLLNTPLSQHGTVSASPQTLQQSLPRSIAPKPLT
MRLPMNQIVTSVTIAANMPSNIGAPLISSMGTTMVGSAPSTQVSPSVQTQQHQMQLQQQQQQQQ
QQMQQMQQQQQLQQHQMHHQQIQQMQQQHFQHHMQQHLQQQQQHLQQQINQQQLQQQLQQRL
QLQQQLQHMHHQSQPSPRQHSPVASQITSPIAIGSPQPASQQHQSQIQSQTQTQVLSQVSIF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

89.7

Interspecies Antigen Sequence

Mouse (94); Rat (95)

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 — TOX3

Entrez GeneID	27324
GeneBank Accession#	XM_941030.1
Protein Accession#	XP_946123.1
Gene Name	TOX3
Gene Alias	CAGF9, TNRC9
Gene Description	TOX high mobility group box family member 3
Omim ID	611416
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains an HMG-box, indicating that it may be involved in bending and unwinding of DNA and alteration of chromatin structure. The C-terminus of the encoded protein is glutamine-rich due to CAG repeats in the coding sequence. A minor allele of this gene has been implicated in an elevated risk of breast cancer. Two transcript variants encoding different isoforms have been found for this gene
Other Designations	trinucleotide repeat containing 9

Disease

- [Adenocarcinoma](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Invasiveness](#)
- [Ovarian cancer](#)
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