

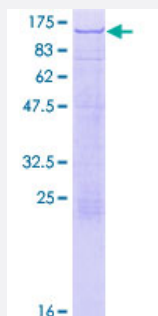
Full-Length

TOX4 (Human) Recombinant Protein (P01)

Catalog # H00009878-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TOX4 full-length ORF (NP_055643.1, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEFPGGNDNYLTITGPSHPFLSGAETFHTPSLGDEEFEIPPISLSDPSLAVSDVVGHFDDLADPS
SSQDGSFSAQYGVQTLDMPVGMTHGLMEQGGGLLSGGLTMDLDHSIGTQYSANPPVTIDVPMTD
MTSGLMGHSQLTTIDQSELSSQLGLSLGGGTILPPAQSPEDRLSTTPSPTSSLHEDGVEDFRRQL
PSQKTVVVEAGKKQKAPKKRKKKDPNEPQKPVSAALFFRDTQAAIKGQNPATFGEVSKIVAS
MWDSLGEQKQVYKRKTEAAKKEYLKALAAYKDNQECQATVETVELDPAPPSQTPSPPPMATV
DPASPAPASIEPPALSPSIVNSTLSSYVANQASSGAGGQPNITKLITKQMLPSSITMSQGGMVTVI
PATVVTSRGLQLGQTSTATIQPSQQAQVTRSVLQAAAAAAAAAASMLPPPRQLQPPPLQQMPQP
PTQQQVTILQQPPPLQAMQQPPQKVRINLQQQPPPLQKSVPLPLTKMQTTLPPTVESSPERP
MNNSPEAHTVEAPSPETICEMITDVVPEVESPSQMDVELVSGSPVALSPQPRCVRSGCENPPIV
SKDWDNEYCSNECVVKHCRDVFLAWVASRNSNTVVVFK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

92.6

Interspecies Antigen Sequence

Mouse (95); 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 — TOX4

Entrez GeneID	9878
GeneBank Accession#	NM_014828.2
Protein Accession#	NP_055643.1
Gene Name	TOX4
Gene Alias	C14orf92, KIAA0737, LCP1, MIG7
Gene Description	TOX high mobility group box family member 4
Gene Ontology	Hyperlink
Other Designations	epidermal Langerhans cell protein LCP1 migration-inducing protein 7

Publication Reference

- [TOX4 and its binding partners recognize DNA adducts generated by platinum anticancer drugs.](#)

Puch CB, Barbier E, Kraut A, Coute Y, Fuchs J, Buhot A, Livache T, Seve M, Favier A, Douki T, Gasparutto D, Sauvaigo S, Breton J.

Archives of Biochemistry and Biophysics 2011 Mar; 507(2):296.

Application: Func, PI, Recombinant protein