

Recombinant Human TOX4 protein, T7/His-tagged

Cat. No. TOX4-104H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TOX4 (620 aa, Isoform-I) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	620 a.a.
Form	0.20 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGRHHHHHHENLYFQGGEFEFPGGNDNYLTITGPSHPFLSGAET FHTPSLGDEEFEIPISLDSD PSLAVSDVVGHFDDLADPSSSQDGSFSAQYGVQTLTLD MPVGMTHGLMEQGGGLSGGLTMDLDHSIGTQYSANPPV TIDVPMTDMTSGLMG HSQLTIDQSELSSQLGLSLGGGTILPPAQSPEDRLSTTPSPTSSLHEDGVEDFRRQ LPS QKTVVVEAGKKQKAPKKRKKKDPNEPQKPV SAYALFFRDTQAAIKGQNP NATF GEVSKIVASMWDSLGEEQKVY KRKTEAAKKEYLKALAAKYKDNQECQATVETVEL DPAPPSQTPSPPPMATVDPASPAPASIEPPALSPSIVVNSTL SSVANQASSGAGG QPNITKLIITKQMLPSSITMSQGGMTVIPATVVTSRGLQLGQTSTATIQPSQQAQIVT RS VLQAAAAAAAAAASMLPPPRQLQPPPLQQMPQPPTQQQVTILQQPPPLQAMQQP PPQKVRINLQQQPPPLQIKSVP LPTLKMQTTLVPPTVESSPERPMNNSPEAHTVEAP SPETICEMITDVVPEVESPSQMDVELVSGSPVALSPQPRC VRSGCENPPIVSKDWD NEYCSNECVVKHCRDVFLAWVASRNSNTVV FVK

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Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro TOX4 mediated histone methylations / chromosomal structure regulation study for various cells with "ProFectin" reagent based intracellular delivery of this protein.2. May be used as specific protein substrate for kinase and ubiquitin (Sumo pathway) related enzyme functional screening assays.3. May be used for TOX4 protein-protein interaction mapping.4. As immunogen for specific antibody production.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name	TOX4 TOX high mobility group box family member 4 [Homo sapiens]
Official Symbol	TOX4
Synonyms	TOX4; TOX high mobility group box family member 4; C14orf92, chromosome 14 open reading frame 92 , KIAA0737; LCP1; migration-inducing protein 7; epidermal Langerhans cell protein LCP1; MIG7; C14orf92; KIAA0737;
Gene ID	9878
mRNA Refseq	NM_014828
Protein Refseq	NP_055643
MIM	614032
UniProt ID	O94842

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Chromosome Location	14q11.2
Function	DNA binding; protein binding;