

Product datasheet for PH303792

TOX1 (TOX) (NM_014729) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TOX MS Standard C13 and N15-labeled recombinant protein (NP_055544)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203792
Predicted MW:	57.5 kDa
Protein Sequence:	>RC203792 protein sequence Red=Cloning site Green=Tags(s)

MDVRFYPPVAQPAAPDAPCLGSPCLDPYYCNKFDGENMYMSMTEPSQDYVPASQSYPGPSLESEDFNI
PPITPPSLPDHSLVHLNEVESGYHSLCHPMNHGLLPFHPQNMMDLPEITVSNMLGQDGTLLSNSISVMPD
IRNPEGTQYSSHPQMAAMRPRGQPADIRQQPGMMPHGQLTTINQSQLSAQLGLNMGGSNPHNSPSPPGS
KSATPSPSSSVHEDEGDDTSKINGGEKRPASDMGKKPKTPKKKKKDPNEPQKPVSAAYLFFRDTQAAIK
GQNPATFGEVSKIVASMWDLGEEQKQVYKKKTEAAKKEYLKQLAAYRASLVSKSYSEPVVKTSQPPQ
LINSKPSVFHGPSQAHSALYLSHYHQPGMNPHTAMHPSLPRNIAPKPNQMPVTVSIANMAVSPPPP
LQISPLHQHLMQHQPLTMQQPLGNQLPMQVQSALHSPTMQQGFTLQPDYQTIINPTSTAAQVVTQAM
EYVRSGRNPPQPVDWNNDYCSSGGMQRDKALYLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055544
RefSeq Size:	4131
RefSeq ORF:	1578



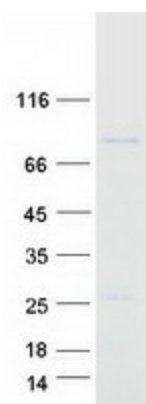
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Synonyms: TOX1
Locus ID: 9760
UniProt ID: [O94900](#)
Cytogenetics: 8q12.1

Summary: The protein encoded by this gene contains a HMG box DNA binding domain. HMG boxes are found in many eukaryotic proteins involved in chromatin assembly, transcription and replication. This protein may function to regulate T-cell development.[provided by RefSeq, Apr 2009]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified TOX protein (Cat# [TP303792]). The protein was produced from HEK293T cells transfected with TOX cDNA clone (Cat# [RC203792]) using MegaTran 2.0 (Cat# [TT210002]).