

Product datasheet for PH310639

TDP43 (TARDBP) (NM_007375) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TARDBP MS Standard C13 and N15-labeled recombinant protein (NP_031401)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210639
Predicted MW:	44.7 kDa
Protein Sequence:	>RC210639 protein sequence Red=Cloning site Green=Tags(s)

MSEYIRVTEDEDEPIEIPSEDDGTVLLSTVTAQFPGACGLRYRNPVSQCMRGVRLVEGILHAPDAGWGN
LVYVVNYPKDNKRKMDETDASSAVKVKRAVQKTSDLIVLGLPWKTTEQDLKEYFSTFGEVLMVQVKKDLK
TGHSKGFVFRFTEYETQVKVMSQRHMIDGRWCCKLPNSKQSQDEPLRSRKVFVGRCTEDMTEDELREF
FSQYGDVMDVFIIPKPFRAFVTFADDQIAQSLCGEDLI IKGISVHISNAEPKHNSNRQLERSGRFGGPNP
GGFGNQGGFGNSRGGGAGLGNNQGSNMGGGMNFGAFSINPAMMAAAQAALQSSWGMGMLASQQNQSGPS
GNNQNGNMQREPNOAFGSGNNSYSGSNSGAAIGWGSASNAGSGSGFNGGFGSSMDSKSSGWGM

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_031401</u>
RefSeq Size:	4236
RefSeq ORF:	1242
Synonyms:	ALS10; TDP-43
Locus ID:	23435



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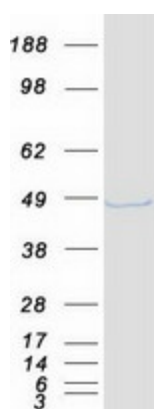
UniProt ID: [Q13148](#), [Q9H256](#), [A0A024R4E2](#)

Cytogenetics: 1p36.22

Summary: HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified TARDBP protein (Cat# [TP310639]). The protein was produced from HEK293T cells transfected with TARDBP cDNA clone (Cat# [RC210639]) using MegaTran 2.0 (Cat# [TT210002]).