

Product datasheet for PH314394

PAF49 (CD3EAP) (NM_012099) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD3EAP MS Standard C13 and N15-labeled recombinant protein (NP_036231)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214394
Predicted MW:	54.8 kDa
Protein Sequence:	>RC214394 representing NM_012099 Red=Cloning site Green=Tags(s)

MEEPQAGDAARFSCPPNFTAKPPASESPRFSLEALTGPDTELWLIQAPADFAPECFNGRHVPLSGSQIVK
GKLAGKRHRVRLSSCPQAGEATLLAPSTEAGGLTCASAPQGLRILEGPQQSLSGSPLQIPASPPPQ
IPPGLRPRFCAGGNPPVTGPRALAPNLLTSKGGKEMQVTEAPVTQEAVNGHGALEVDMLGSPMDV
RKKKKKKQQLKEPEAAGPVGTEPTVETLEPLGVLFPSTTKRKKPKGKETFEPEDKTVKQEQINTEPLE
DTVLSPTKRKRQKGTEGMEPEGVTVESQPQVKVEPLEEAIPLPPTKKRKKKEGQMAMMEPGTEAMEPV
EPEMKPLESPGGTMAPQQPEGAKPQAQAALAAPKKKTKKEKQQDATVEPETEVVGPPELDDLEPQAAPTS
TKKKKKKERGHTVTEPIQPLEPELPGEGQPEARATPGSTKKRKKQSQESRMPETVPEEMPGPPLNSE
GEEAPTGRDKKRKQQQPV

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- 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:	NP_036231
RefSeq Size:	3286
RefSeq ORF:	1530



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Synonyms: ASE-1; ASE1; CAST; CD3EAP; PAF49; RPA34

Locus ID: 10849

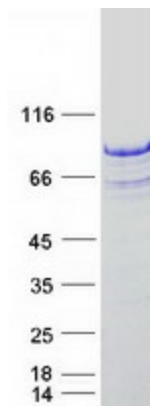
UniProt ID: [O15446](#)

Cytogenetics: 19q13.32

Summary: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Isoform 1 is involved in UBTF-activated transcription, presumably at a step following PIC formation.[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified CD3EAP protein (Cat# [TP314394]). The protein was produced from HEK293T cells transfected with CD3EAP cDNA clone (Cat# [RC214394]) using MegaTran 2.0 (Cat# [TT210002]).