

Product datasheet for PH302505

POLR3D (NM_001722) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POLR3D MS Standard C13 and N15-labeled recombinant protein (NP_001713)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202505
Predicted MW:	44.4 kDa
Protein Sequence:	>RC202505 protein sequence Red=Cloning site Green=Tags(s)

MSEGNAAGEPSTPGGPRPLLTGARGLIGRRPAPPLTPGRLPSIRSRLTLGGVKKKFTFPNII SRKIKEE
PKEEVTVKKEKRERDRDRQREGHGRGRPEVIQSHSIFEQGAEMMKKGNWDKTVDVSDMGPSHIINI
KKEKRETDDEETKQILRMLEKDDFLDDPGLRNDTRNMPVQLPLAHSGWLFKEENDEPDVKPWL AGPKEEDM
EVDIPAVKVKEEPRDEEEEAKMKAPPKAARKTPGLPKDVSV AELLRELSLTKEEELLFLQLPDTLPGQPP
TQDIKPIKTEVQGEDGQVVLIKQEKDREAKLAENACTLADLTEGQV GKLLIRKSGRVQLLLGKVTLDVMT
GTACSF LQELVSVGLGDSRTGEMTVLGHVKHKLVCSPDFESLLDHKHR

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_001713</u>
RefSeq Size:	1946
RefSeq ORF:	1194
Synonyms:	BN51T; C53; RPC4; RPC53; TSBN51
Locus ID:	661



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UniProt ID: [P05423](#)

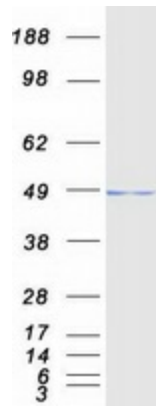
Cytogenetics: 8p21.3

Summary: This gene complements a temperature-sensitive mutant isolated from the BHK-21 Syrian hamster cell line. It leads to a block in progression through the G1 phase of the cell cycle at nonpermissive temperatures. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Protein Pathways: Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

Product images:



Coomassie blue staining of purified POLR3D protein (Cat# [TP302505]). The protein was produced from HEK293T cells transfected with POLR3D cDNA clone (Cat# [RC202505]) using MegaTran 2.0 (Cat# [TT210002]).