

Product datasheet for **TP302505M**

POLR3D (NM_001722) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polymerase (RNA) III (DNA directed) polypeptide D, 44kDa (POLR3D), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202505 protein sequence Red =Cloning site Green =Tags(s)

MSEGNAAGEPSTPGGPRPLLTGARGLIGRRPAPPLTPGRLPSIRSDLTGGVKKKFTFPNIISRKIKEE
PKEEVTVKKEKRERDRDRQREGHGRGRGRPEVIQSHSIFEQGAEMMKKGNWDKTVDSVDMGPSHIINI
KKEKRETDEETKQILRMLEKDDFLDDPGLRNDTRNMPVQLPLAHSGWLFKEENDEPDVKPWLKAGPKEEDM
EVDIPAVKVKKEPRDEEEEAKMKAPPKAARKTPGLPKDVSVAELLRELSLTKEEELLFLQLPDTLPGQPP
TQDIKPIKTEVQGEDGQVVLKQEKDREKLAENACTLADLTEGQVGKLLIRKSGRVQLLLGKVTLDVTM
GTACSFLLQELVSVGLGDSRTGEMTVLGHVHKHKLVCSPDFESLLDHKHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

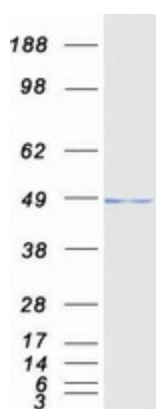
Tag:	C-Myc/DDK
Predicted MW:	44.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001713</u>



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Locus ID:	661
UniProt ID:	P05423
RefSeq Size:	1946
Cytogenetics:	8p21.3
RefSeq ORF:	1194
Synonyms:	BN51T; C53; RPC4; RPC53; TSBN51
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]).