

Product datasheet for **TP302505L**

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), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202505 protein sequence
Red=Cloning site **Green**=Tags(s)

MSEGNAAGEPSTPGGPRPLLTGARGLIGRRPAPPLTPGRLPSIRSDLTGGVKKKFTFPNIISRKIKEE
PKEEVTVKKEKRERDRDRQREGHGRGRGRPEVIQSHSIFEQGAEMMKKGNWDKTVDSVDMGPSHIINI
KKEKREDEETKQILRMLEKDDFLDDPGLRNDTRNMPVQLPLAHSGWLFKEENDEPDVKPWLKAGPKEEDM
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.

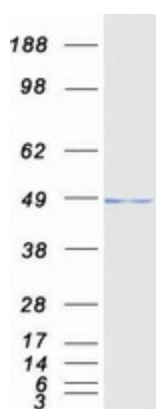
RefSeq: [NP_001713](#)



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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]).