

Product datasheet for **TP302505**

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC202505 protein sequence
Red=Cloning site **Green**=Tags(s)

MSEGNAAGEPSTPGGPRPLLTGARGLIGRRPAPPLTPGRLPSIRSDLTGGVKKKFTFPNIISRKIKEE
PKEEVTVKKEKRERDRDRQREGHGRGRGRPEVIQSHSIFEQGAEMMKKGNWDKTVDVSDMGPSHIINI
KKEKRETDEETKQILRMLEKDDFLDDPGLRNDTRNMPVQLPLAHSGWLFKEENDEPDVKPWLKAGPKEEDM
EVDIPAVKVKKEPRDEEEEAKMKAPPKAARKTPGLPKDVSVAELLRELSLTKEEELLFLQLPDTLPGQPP
TQDIKPIKTEVQGEDGQVVLKQEKDREKLAENACTLADLTEGQVGKLLIRKSGRVQLLLGKVTLDVTM
GTACSFLLQELVSVGLGDSRTGEMTVLGHVHKHKLVCSPDFESLLDHKHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

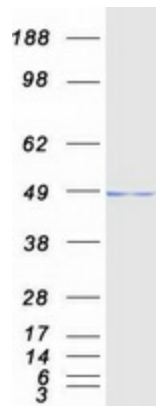
Tag: C-Myc/DDK
Predicted MW: 44.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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: [NP_001713](#)



[View online »](#)

| | |
|-------------------|---|
| 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]).