OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR50080PU-N

POLL (1-300, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	POLL (1-300, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MLMHHQKYLQ RFLGGKREKK QKEACSIPGI GKRMAEKIIE ILESGHLRKL DHISESVPVL ELFSNIWGAG TKTAQMWYQQ GFRSLEDIRS QASLTTQQAI GLKHYSDFLE RMPREEATEI EQTVQKAAQA FNSGLLCVAC GSYRRGKATC GDVDVLITHP DGRSHRGIFS RLLDSLRQEG FLTDDLVSQE ENGQQQKYLG VCRLPGPGRR HRRLDIIVVP YSEFACALLY FTGSAHFNRS MRALAKTKGM SLSEHALSTA VVRNTHGCKV GPGRVLPTPT EKDVFRLLGL PYREPAERDW
Tag:	His-tag
Predicted MW:	36 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 30% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human POLL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001167555
Locus ID:	27343
UniProt ID:	Q9UGP5
Cytogenetics:	10q24.32
Synonyms:	BETAN; POLKAPPA

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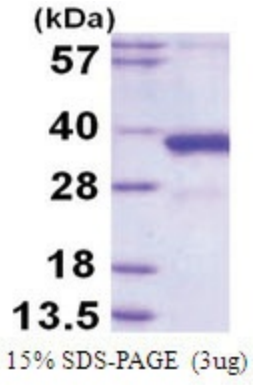
Summary: This gene encodes a DNA polymerase. DNA polymerases catalyze DNA-template-directed extension of the 3'-end of a DNA strand. This particular polymerase, which is a member of the X family of DNA polymerases, likely plays a role in non-homologous end joining and other DNA repair processes. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2010]

Protein Families: Druggable Genome

Protein Pathways: Base excision repair, Non-homologous end-joining

Product images:



15% SDS-PAGE (3ug)