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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

POLD1 (Human) Recombinant Protein (P01)

Catalog Number: H00005424-P01

Regulation Status: For research use only (RUO)

Product Description: Human POLD1 full-length ORF (AAH08800.1, 1 a.a. - 1107 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDGKRRPGPGVPPKRARGGLWDDDDAPRPSQFE
EDLALMEEMAEHRLQEQQEELQSVLEGVADGQVP
PSAIDPRWLRPTPALDPQTEPLIFQQLEIDHYVGPQAQ
PVPGGPPPSHGSVPLRAFGVTDEGFSVCCHIHGFAP
YFYTPAPPGFGPEHMGDLQRELNLAISRDSRGGRELT
GPAVLAVELCSRESMFGYHGHGSPFLRITVALPRLVA
PARRLLEQGIRVAGLGTSPFAPYEANVDFEIRFMVDT
IVGCNWLELPAGKYALRLKEKATQCQLEADVWSDV
SHPPEGPWQRIAPLRVLSFDIECAGRKGIFPEPERDPV
IQICSLGLRWGEPEPFLRLALTLRPCAPILGAKVQSYEK
EEDLLQAWSTFIRIMDPDVTGYNIQNFDPYLIASRAQT
LKVQTFPFLGRVAGLCSNIRDSSFQSKQTGRRDTKVV
SMVGRVQMDMLQVLLREYKLRSYTLNAVSHFLGEGQ
KEDVQHSIITDLQNGNDQTRRLAVYCLKDAYLPLRLL
ERLMVLVNAVEMARVTGVPLSYLLSRGQVQVVSQLL
RQAMHEGLLMPVVKSEGGEDYTGATVIEPLKGYDVP
IATLDFSSLYPSIMMAHNLCTYTLRPGTAQKLGLTED
QFIRTPTGDEFVKTSVRKGLLPQILENLLSARKRAKAE
AKETDPLRRQVLDGRQLALKVSANSVYGFTGAQVVKL
PCLEISQSVTGFGRQMIEKTKQLVESKYTVENGYSTSA
KVYVYGDTSVMCRFGVSSVAEAMALGREAADWVSG
HFPSPIRLEFEKVYFPYLLISKRYAGLLFSSRPDAHDR
MDCKGLEAVRRDNCPLVANLVTASLRLLIDRDPEGA
VAHAQDVISDLLCNRIDISQLVITKELTRAASDYAGKQA
HVELAERMKRDPGSAPSLGDRVPYVIISAAKGVAAY
MKSEDPLFVLEHSLPIDTQYYLEQQLAKPLLRIPEPILG
EGRAEAVLLRGDHTRCKTVLTGKVGGLLAFARRNCC
IGCRTVLSHQGAVCEFCQPRESELYQKEVSHLNALEE
RFSRLWTQCRCQGSLEDVICTSRDCPIFYMRKKVR
KDLEDQEQLLRRFGPPGPEAW

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 150

Interspecies Antigen Sequence: Mouse (89); Rat (90)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5424

Gene Symbol: POLD1

Gene Alias: CDC2, POLD

Gene Summary: The DNA polymerase delta complex is involved in DNA replication and repair, and it consists of the proliferating cell nuclear antigen (PCNA; MIM 176740), the multisubunit replication factor C (see MIM 102579), and the 4 subunit polymerase complex: POLD1, POLD2 (MIM 600815), POLD3 (MIM 611415), and POLD4 (MIM 611525) (Liu and Warbrick, 2006 [PubMed 16934752]).[supplied by OMIM]