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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LIG3 (Human) Recombinant Protein (P01)

Catalog Number: H00003980-P01

Regulation Status: For research use only (RUO)

Product Description: Human LIG3 full-length ORF (AAH09026.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MSLAFKIFFPQTLRALSRKELCLFRKHHWRDVRQFSQ WSETDLLHGHPLFLRRKPVLSFQGSHLRSRATYLVFL PGLHVGLCSGPCEMAEQRFCVDYAKRGTAGCKKCKE KIVKGVCRIGKVVPNPFSESGGDMKEWYHIKCMFEKL ERARATTKKIEDLTELEGWEELEDNEKEQITQHIADLSS KAAGTPKKKAVVQAKLTTTGQVTSPVKGASFVTSTNP RKFSGFSAKPNNSGEAPSSPTPKRSLSSSKCDPRHKD CLLREFRKLCAMVADNPSYNTKTQIIQDFLRKGSAGGV A

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60

Interspecies Antigen Sequence: Mouse (84); Rat (85)

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: 3980

Gene Symbol: LIG3

Gene Alias: LIG2

Gene Summary: This gene is a member of the DNA ligase family. Each member of this family encodes a protein that catalyzes the joining of DNA ends but they each have a distinct role in DNA metabolism. The protein encoded by this gene is involved in excision repair and is located in both the mitochondria and nucleus, with translation initiation from the upstream start codon allowing for transport to the mitochondria and translation initiation from a downstream start codon allowing for transport to the nucleus. Additionally, alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]