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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LIG1 (Human) Recombinant Protein (Q01)

RefSeq]

Catalog Number: H00003978-Q01**Regulation Status:** For research use only (RUO)**Product Description:** Human LIG1 partial ORF (NP_000225, 810 a.a. - 919 a.a.) recombinant protein with GST-tag at N-terminal.**Sequence:**QSLKALVLPSPRPYVRIDGAVIPDHWLDPSAVWEVKC
ADLSLSPIYPAARGLVDSKGLSLRFPRFIRVREDKQPE
QATTSAQVACLRYKQSQIQNQGGEDSGSDPEDTY**Host:** Wheat Germ (in vitro)**Theoretical MW (kDa):** 37.84**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:** 3978**Gene Symbol:** LIG1**Gene Alias:** MGC117397, MGC130025**Gene Summary:** LIG1 encodes DNA ligase I, with functions in DNA replication and the base excision repair process. Mutations in LIG1 that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents. [provided by