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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PLG (Human) Recombinant Protein (P01)

Catalog Number: H00005340-P01

Regulation Status: For research use only (RUO)

Product Description: Human PLG full-length ORF (NP_000292.1, 1 a.a. - 810 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEHKEVLLLLLLLFLKSGQGEPLDDYVNTQGASLFSVTK
KQLGAGSIEECAAKCEEDEEFTCRAFQYHSKEQQCVI
MAENRKSSIIIRMRDVVLFEEKVYLSECKTGNGKNYRG
TMSKTKNGITCQKWSSTSPHRPRFSPATHPSEGLEEN
YCRNPDNDPQGPWCYTDDPEKRYDYCDILECEEEECM
HCSGENYDGKISKTMGLECQAWDSQSPHAHGYP
KFPNKNLKNYCRNPDRELRPWCFTTDPNKRWELCDI
PRCTTPPPSSGPTYQCLKGTGENYRGNVAVTVSGHT
CQHWSAQTPHTRNTPENFPCKNLDENYCRNPDGKR
APWCHTTNSQVRWEYCKIPSCDSSPVSTEQLAPTAPP
ELTPVVQDCYHGDGQSYRGTSTTTTGKKCQSWSSM
TPHRHQKTPENYPNAGLTMNYCRNPDADKGPWCFTT
DPSVRWEYCNLKKCSGTEASVAPPVVLLPDVETPS
EEDCMFGNGKGYRGKRATTVTGTPCQDWAAQEPHR
HSIFTPETNPRAGLEKNYCRNPDGDVGGPWCYTTNP
RKLYDYCDVPQCAAPSFDCGKQPVEPKKCPGRVVG
CVAHPHSWPWQVSLRTRFGMHFCGGTLISPEWVLT
AHCLEKSPRPSSYKVILGAHQEVNLEPHVQEIEVSRLF
LEPTRKDIALLLSSPAVITDKVIPACLPSPNYVADRTE
CFITGWGETQGTFGAGLLKEAQLPVIENKVCNRYEFLN
GRVQSTELCAGHLAGGTDSCQGDSSGGLVCFEKDKY
ILQGVTSWGLGCARPKNKPGVYVRVSRFVTWIEGVMR
NN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 117

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: 5340

Gene Symbol: PLG

Gene Alias: DKFZp779M0222

Gene Summary: Plasminogen (PLG) is a circulating zymogen that is converted to the active enzyme plasmin by cleavage of the peptide bond between arg560 and val561, which is mediated by urokinase (PLAU; MIM 191840) and tissue plasminogen activator (PLAT; MIM 173370). The main function of plasmin is to dissolve fibrin (see, e.g., FGA, MIM 134820) clots. Plasmin, like trypsin, belongs to the family of serine proteinases (Miyata et al., 1982 [PubMed 6216475]; Forsgren et al., 1987 [PubMed 3030813]).[supplied by OMIM]