

## Recombinant Rat PLAUR Protein (25-299 aa), His-tagged

Cat. No. PLAUR-1488R Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Rat PLAUR Protein (25-299 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.   |
| <b>Species</b>          | Rat   |
| <b>Source</b>           | Yeast   |
| <b>ProteinLength</b>    | 25-299 aa   |
| <b>Description</b>      | Specifically cleaves the zymogen plasminogen to form the active enzyme plasmin.   |
| <b>Form</b>             | Tris-based buffer,50% glycerol  |
| <b>Molecular Mass</b>   | 32.8 kDa  |
| <b>AA Sequence</b>      | LRCIQCESNQDCLVEECALGQDLCRTTVLREWEDAEELVVTRGCAHKEKTNRTMS<br>YRMGSVIVSLTETVCATNLCNRPRPGARGRPFPRGRYLECASCTSLDQSCERGRE<br>QSLQCRYPTEHCIIEVVTLQSTERSVKDEPYTKGCGSLPGCPGTAGFHSNQTFFHLK<br>CCNFTQCNGGPVLDLQSLPPNGFQCYSCEGNSTFGCSYEETSLIDCRGPMNQCLE<br>ATGLDVLGNRSYTVRGCATASWCQGSHVADSFQTHVNLSISCCNGSGCNRPTG |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.  |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade for up to one week.

**Storage**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Gene Name**

Plaur plasminogen activator, urokinase receptor [ *Rattus norvegicus* ]

**Official Symbol**

PLAUR

**Synonyms**

PLAUR; U-PAR; Par; uPAR; Plaur3; uPAR-2; uPAR-3;

**Gene ID**

50692

**mRNA Refseq**

NM\_017350

**Protein Refseq**

NP\_059046

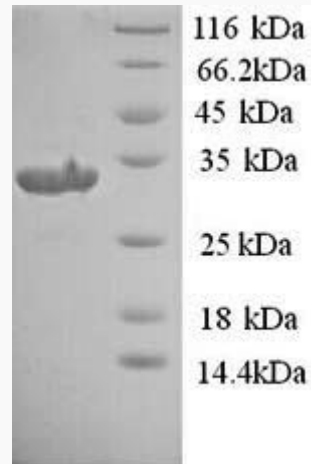
**UniProt ID**

P49616

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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