

## Product datasheet for **TP317929M**

### PLAUR (NM\_001005376) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Homo sapiens plasminogen activator, urokinase receptor (PLAUR), transcript variant 2, 100 µg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC217929 representing NM_001005376<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|                                       | <p>MGHPPLLPLLLLHTCVPASWGLRCMQCKTNGDCRVEECALGQDLCRTTIVRLWEEGEELELVEKSCTHS<br/>EKTNRTLSYRTGLKITSLEVVCGLDLCNQGNSGRAVTYSRSRYLEICISGSSDMSCERGRHQLQCRSP<br/>EEQCLDVVTHWIQEGEEGRPKDDRHLRGCGYLPGCPGNGFHNNDTFHFLKCCNTTKCNEGPILELENLP<br/>QNGRQCYSCCKGNSTHGCSSEETFLIDCRGPMNQCLVATGOTHERSLWGSWLPCKSTTALRPPCCEEAQATH<br/>V</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 28.9 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <u><a href="#">NP_001005376</a></u>  |
| Locus ID:                             | 5329   |



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UniProt ID: [Q03405](#)

RefSeq Size: 1437

Cytogenetics: 19q13.31

RefSeq ORF: 843

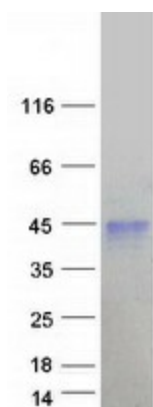
Synonyms: CD87; U-PAR; UPAR; URKR

**Summary:** This gene encodes the receptor for urokinase plasminogen activator and, given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Complement and coagulation cascades

### Product images:



Coomassie blue staining of purified PLAUR protein (Cat# [TP317929]). The protein was produced from HEK293T cells transfected with PLAUR cDNA clone (Cat# [RC217929]) using MegaTran 2.0 (Cat# [TT210002]).