

## Product datasheet for **KN201222BN**

### PLAUR Human Gene Knockout Kit (CRISPR)

#### Product data:

|               |  |
|---------------|--|
| Product Type: | Knockout Kits (CRISPR)   |
| Format:       | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control   |
| Donor DNA:    | mBFP-Neo   |
| Symbol:       | PLAUR  |
| Locus ID:     | 5329   |
| Components:   | <b>KN201222G1</b> , PLAUR gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN201222G2</b> , PLAUR gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN201222BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.<br><b>GE100003</b> , scramble sequence in pCas-Guide vector   |
| RefSeq:       | <a href="#">NM_001005376</a> , <a href="#">NM_001005377</a> , <a href="#">NM_001301037</a> , <a href="#">NM_002659</a>   |
| UniProt ID:   | <a href="#">Q03405</a>   |
| 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] |



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## Product images:

