

Human CellExp CD87 / uPAR / PLAUR, human recombinant protein
uPAR, PLAUR, CD87, MO3
Catalog # PBV10995r**Specification**

Human CellExp CD87 / uPAR / PLAUR, human recombinant protein - Product infoPrimary Accession
Calculated MW[Q03405](#)

This protein is fused with polyhistidine tag at the C-terminus, has a calculated MW of 32.1 kDa. The predicted N-terminus is Leu 23. DTT-reduced Protein migrates as 44-48 kDa due to glycosylation. KDa

Human CellExp CD87 / uPAR / PLAUR, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
uPAR, PLAUR, CD87, MO35329
PLAURGene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥92%
N/A;
Yes
Measured by its binding ability in a functional ELISA. Immobilized human uPAR at 5 µg/ml (100 µl/well) can bind biotinylated human UPA with a linear range of 25 - 500 ng/ml.

Target/Specificity
CD87/uPAR/PLAUR**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.**Human CellExp CD87 / uPAR / PLAUR, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp CD87 / uPAR / PLAUR, human recombinant protein - Images**Human CellExp CD87 / uPAR / PLAUR, human recombinant protein - Background**

Urokinase plasminogen activator surface receptor (U-PAR) is also known as PLAUR, Monocyte activation antigen Mo3, CD antigen CD87. PLAUR contains three UPAR/Ly6 domains. U-PAR is expressed in neurons of the rolandic area of the brain (at protein level) and is also expressed in the brain. PLAUR / CD87 interacts with MRC2, SRPX2 and SORL1. PLAUR / UPAR act as a receptor for urokinase plasminogen activator and plays a role in localizing and promoting plasmin formation. U-PAR mediates the proteolysis-independent signal transduction activation effects of U-PA.

Human CellExp CD87 / uPAR / PLAUR, human recombinant protein - References

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