

Human CellExp™ CD87 / uPAR / PLAUR, human recombinant

CATALOG #: 7372-20 20 µg
7372-100 100 µg

ALTERNATE NAMES: uPAR, PLAUR, CD87, MO3

SOURCE: HEK 293 cells (Leu 23 – Arg 303)

PURITY: ≥ 92% by SDS-PAGE gel

MOL. WEIGHT: 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.

ENDOTOXIN LEVEL: <1 EU/µg by LAL method

FORM: Lyophilized

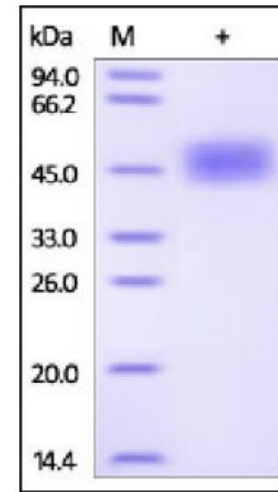
FORMULATION: Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.

RECONSTITUTION: 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.

DESCRIPTION: 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.

BIOLOGICAL ACTIVITY: 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.



Human recombinant CD87/uPAR/PLAUR

RELATED PRODUCTS:

- Human CellExp™ CD223, human recombinant (Cat. No. 7278-10, -50)
- Human CellExp™ CD71, human recombinant (Cat. No. 7279-10, -50)
- Human CellExp™ CD273, human recombinant (Cat. No. 7369-10, -50)
- Human CellExp™ CD33, human recombinant (Cat. No. 7370-10, -50)
- Human CellExp™ CD36, human recombinant (Cat. No. 7371-10, -50)
- Human CellExp™ CD360, human recombinant (Cat. No. 7373-20, -100)
- Human CellExp™ CD244, human recombinant (Cat. No. 7374-10, -50)
- Human CellExp™ CD304, human recombinant (Cat. No. 7375-10)

FOR RESEARCH USE ONLY! Not to be used in humans.