

Human PLAUR/CD87 (His Tag) recombinant protein



Catalog Number: 501644

General Information

Gene Name Synonym

Monocyte activation antigen Mo3

Protein Construction

A DNA sequence encoding the human UPAR isoform 1 (Q03405-1) (Met 1-Arg 303) without the pro peptide was expressed, with a carboxy-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

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 ranger of 40-1000 ng/ml.

Purity

> 98 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Leu 23

Molecular Mass

The secreted recombinant human UPAR consists of 292 amino acids with the predicted molecular mass of 32.8 kDa. As a result of glycosylation, rhUPAR migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

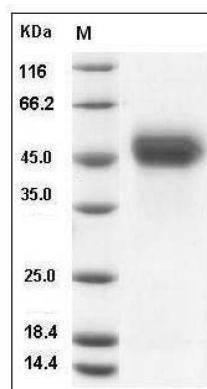
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human uPAR / CD87 Protein (His Tag) SDS-PAGE