

Recombinant human uPAR protein

Catalog Number: ATGP3409

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

23-305aa

UniProt No.

Q03405

NCBI Accession No.

NP_002650

Alternative Names

Urokinase plasminogen activator surface receptor isoform 1, PLAUR, CD87, U-PAR, UPAR, URKR, CD 87, CD87, CD87 antigen, MO 3, MO3, Monocyte activation antigen Mo3, Plasminogen activator receptor urokinase, Plasminogen activator urokinase receptor, PLAUR, U PAR, u plasminogen activator receptor, U-PAR, u-plasminogen activator receptor form 2, UPA receptor, uPAR, UPAR_HUMAN, Urinary plasminogen activator receptor, URKR, Urokinase plasminogen activator receptor, Urokinase plasminogen activator surface receptor, urokinase-type plasminogen activator (uPA) receptor

PRODUCT SPECIFICATION

Molecular Weight

32.5 kDa (291aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

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BACKGROUND

Description

PLAUR, as known as urokinase plasminogen activator surface receptor isoform 1, is one of two activators that converts the extracellular zymogen plasminogen to plasmin, a serine protease that is involved in a variety of normal and pathological processes that require cell migration and/or tissue destruction. This protein is synthesized and released from cells as a single-chain proenzyme with limited enzymatic activity and is converted to an active two-chain disulfide-linked active enzyme by plasmin and other specific proteinases. Recombinant human PLAUR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

LRCMQCKTNG DCRVEECALG QDLCRTTIVR LWEEGEELEL VEKSCTHSEK TNRTLSYRTG LKITSLTEVV CGLDLCNQGN SGRAVTYSRS RYLECISCGS SDMSCERGRH QSLQCRSPEE QCLDVVTHWI QEGEEGRPKD DRHLRGCGYL PGCPGSNGFH NNDTFHFLKC CNTTKCNEGP ILELENLPQN GRQCYSCCKGN STHGCSSEET FLIDCRGPMN QCLVATGTHE PKNQSYMVRG CATASMCQHA HLGDAFSMNH IDVSCCTKSG CNHPDLDVQY RSGLEHHHHH H

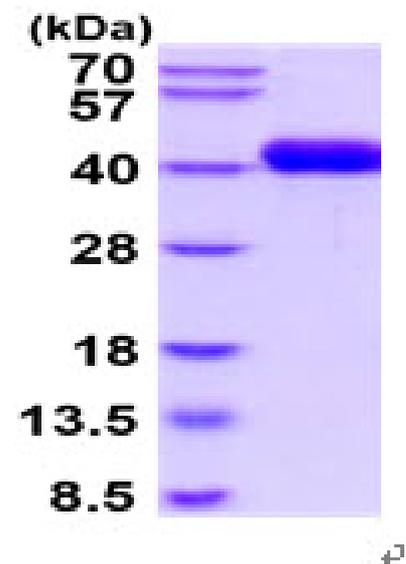
General References

Persson M., et al, (2014) Stroke 45:18-23.
Zhuang T., et al, (2013) BMC Cancer 13:590.

DATA

SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



15% SDS-PAGE (3ug)