10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

PLAUR Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20579c

Specification

PLAUR Blocking Peptide (C-term) - Product Information

Primary Accession Q03405

PLAUR Blocking Peptide (C-term) - Additional Information

Gene ID 5329

Other Names
Urokinase plasminogen activator surface receptor, U-PAR, uPAR, Monocyte activation antigen Mo3, CD87, PLAUR, MO3, UPAR

Target/Specificity
The synthetic peptide sequence is selected from aa 293-305 of HUMAN PLAUR

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PLAUR Blocking Peptide (C-term) - Protein Information

Name PLAUR

Synonyms MO3, UPAR

Function
Acts as a receptor for urokinase plasminogen activator. Plays a role in localizing and promoting plasmin formation.

PLAUR Blocking Peptide (C-term) - Background

Acts as a receptor for urokinase plasminogen activator. Plays a role in localizing and promoting plasmin formation. Mediates the proteolysis-independent signal transduction activation effects of U-PA. It is subject to negative-feedback regulation by U-PA which cleaves it into an inactive form.

PLAUR Blocking Peptide (C-term) - References

Roldan A.L.,et al.EMBO J. 9:467-474(1990).
Min H.Y.,et al.J. Immunol. 148:3636-3642(1992).
Bayraktutan U.,et al.Biochem. Soc. Trans. 21:395-395(1993).
Pyke C.,et al.FEBS Lett. 326:69-74(1993).
Casey J.R.,et al.Blood 84:1151-1156(1994).

Mediates the proteolysis-independent signal transduction activation effects of U-PA. It is subject to negative-feedback regulation by U-PA which cleaves it into an inactive form.

Cellular Location
Cell membrane. Cell projection, invadopodium membrane Note=Colocalized with FAP (seprase) preferentially at the cell surface of invadopodia membrane in a cytoskeleton-, integrin- and vitronectin-dependent manner. [Isoform 2]: Secreted {ECO:0000250|UniProtKB:P49616}

Tissue Location
Expressed in neurons of the rolandic area of the brain (at protein level). Expressed in the brain

PLAUR Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides