

PLAUR (Human) Recombinant Protein

Catalog # P9408

Size 2 x 10 ug

Specification

Product Description	Human PLAUR (Q03405, 23 a.a. - 305 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.
Sequence	LRCMQCKTNGDCRVEECALGQDLCRTTIVRLWEEGEELELVEKSCETHSEKTNRTLSYRTGLKITS LTEVVCGLDLCNQGNNGRAVTYSRSLYECISCGSSDMSCERGRHQSLLQCRSPPEEQCLDVVTH WIEGEEGRPKDDRHLRGCGYLPGCPGNGFHNNDTFHFLKCCNTTKCNEGPILELENLPQNGR QCYSCKGNSTHGCSSEETFLIDCRGPMNQCLVATGTHEPKNQSYMVRGCATASMCQHAHLGDA FSMNHIDVSCCTKSGCNHPDLVDVQYRSGLEHHHHHH
Host	insect
Theoretical MW (kDa)	32.5
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 95.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — PLAUR

Entrez GeneID	5329
Protein Accession#	Q03405
Gene Name	PLAUR
Gene Alias	CD87, UPAR, URKR
Gene Description	plasminogen activator, urokinase receptor
Omim ID	173391
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the receptor for urokinase plasminogen activator and, given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined. [provided by RefSeq]
Other Designations	monocyte activation antigen Mo3 u-plasminogen activator receptor form 2

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
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- [Myocardial Infarction](#)
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- [Ovarian Neoplasms](#)
- [Placenta Diseases](#)
- [Pre-Eclampsia](#)
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- [Small Cell Lung Carcinoma](#)
- [Vascular Diseases](#)