

Recombinant Human PLAUR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLAUR-3942H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLAUR MS Standard C13 and N15-labeled recombinant protein (NP_002650) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	37 kDa
AA Sequence	MGHPPLLPLLLLHTCVPASWGLRCMQCKTNGDCRVEECALGQDLCRTTIVRLWEE

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GEELELVEKSCTHSEKTNRTLSYRTGLKITSLTEVVCGLDLCNQNSGRAVTYSRSR
 YLECISCGSSDMSCERGRHQSLQCRSPREEQLDVVTHWIQEGEEGRPKDDRHLRG
 CGYLPGPCPGSNGFHNNDTFHFLKCCNTTKCNEGPILELENLPQNGRQCYSCKGNS
 THGCSSEETFLIDCRGPMNQCLVATGTHEPKNQSYMVRGCATASMCQHAHLGDAF
 SMNHIDVSCCTKSGCNHPDLVDVQYRSGAAPQPGPAHLSLTITLLMTARLWGGTLLW
 TTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PLAUR plasminogen activator, urokinase receptor [Homo sapiens (human)]

Official Symbol PLAUR

Synonyms PLAUR; plasminogen activator, urokinase receptor; urokinase plasminogen activator surface receptor; CD87; UPAR; URKR; urokinase type plasminogen activator (uPA) receptor; monocyte activation antigen Mo3; u-plasminogen activator receptor form 2; urokinase-type plasminogen activator (uPA) receptor; U-PAR;

Gene ID 5329

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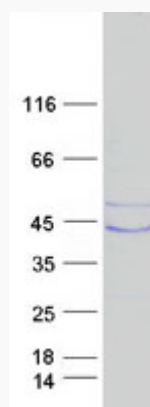
mRNA Refseq [NM_002659](#)

Protein Refseq [NP_002650](#)

MIM [173391](#)

UniProt ID [Q03405](#)

SDS-PAGE



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