PRODUCT INFORMATION

Target	PLAUR
Synonyms	U-PAR;uPAR;CD87
Description	Recombinant human PLAUR protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q03405
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	PLAUR(Leu23-Arg303) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 32.1 kDa after removal of the signal peptide. The apparent molecular mass of PLAUR-His is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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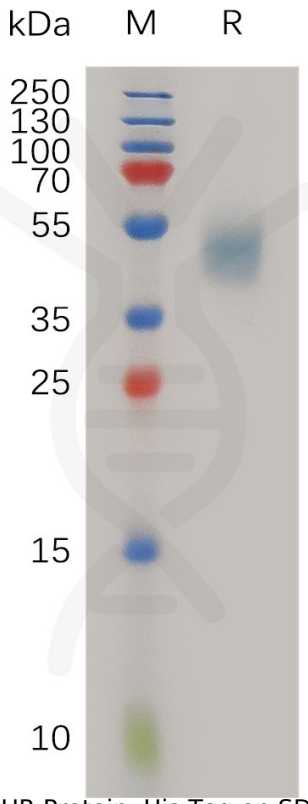


Figure 1. Human PLAUR Protein, His Tag on SDS-PAGE under reducing condition.

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