

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN PLAUR PROTEIN, HIS TAG

目录: 11578 产品名称: Human PLAUR Protein 规格: 10 µg, 50 µg and 100 µg 基因符号: U-PAR;uPAR;CD87

Target: PLAUR

UNIPROT ID: Q03405

描述: Recombinant human PLAUR protein with C-terminal 6xHis tag

背景: 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 cellsurface 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]

Species/Host: HEK293

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.

Molecular Characterization: PLAUR(Leu23-Arg303) 6×His tag 纯化:: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.



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