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Recombinant Human uPAR / CD87 Protein (C-6His)

产品货号: TP05460

第三版

别名: Urokinase Plasminogen Activator Surface Receptor; U-PAR; uPAR; Monocyte activation antigen Mo3; CD87; PLAUR; MO3; UPAR

描述: The Urokinase Type Plasminogen Activator (uPA) receptor (uPAR) is a widely expressed receptor for urokinase plasminogen activator (uPA) and pro-uPA. uPAR / CD87 is a highly glycosylated, 55-60kDa integral membrane protein linked to the plasma membrane by a glycosylphosphatidylinositol (GPI) anchor. uPAR is expressed by T-cells, NK cells, monocytes, and neutrophils as well as non-hematopoietic cells that include vascular endothelial cells, fibroblasts, smooth muscle cells, keratinocytes, placental trophoblasts, hepatocytes, and a wide variety of tumor cells (including breast, colon, and prostate carcinoma, melanoma). It plays a critical role in the regulation of cell-surface plasminogen activation in physiological and pathological conditions, and it is also involved in cellular adhesion, the transmission of extracellular signals across the plasma membrane and the subsequent regulation of gene expression. uPAR has been implicated in several biological processes including angiogenesis, monocyte migration, cancer metastasis, trophoblast implantation, and wound healing. Human uPAR is encoded as a 313 amino acid residue polypeptide, excluding a 22 residue signal peptide and shows 60-70% similarity with the murine uPAR amino acid sequence although binding of uPA to uPAR shows strong species specificity.

配方: PBS

分子量: 32.6 kDa

序列: Leu23-Arg303

纯度: > 95% by HPLC

浓度:

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.