

PLAUR, 23-305aa, Human, His-tag, Baculovirus

Cat.NO.: TP03433

3th Edition

Synonyms:Urokinase plasminogen activator surface receptor isoform 1 , PLAUR, CD87, U-PAR, UPAR, URKR, CD 87, CD87CD87 antigen, MO 3, MO3, Monocyte activation antigen Mo3.

Description:PLAUR, as known as urokinase plasminogen activator surface receptor isoform 1, is one of two activators that converts the extracellular zymogen plasminogen to plasmin, a serine protease that is involved in a variety of normal and pathological processes that require cell migration and/or tissue destruction. This protein is synthesized and released from cells as a single-chain proenzyme with limited enzymatic activity and is converted to an active two-chain disulfide-linked active enzyme by plasmin and other specific proteinases. Recombinant human PLAUR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Molecular Weight:32.5kDa (291aa), 40-57kDa (SDS-PAGE under reducing conditions)

Sequences:

LRCMQCKTNGDCRVEECALGQDLCRTTIVRLWEEGEELELVEKSCETHSEKTNRTLSTYRTGLKITSLTEVVCGLDLC
NQGNSGRAVTYSRSRYLEICISCGSSDMSCERGRHQSLQCRSPPEEQCLDVVTHWIQEGEEGRPKDDRHLRGCGY
LPGCPGNSNGFHNDTFHFLKCCNTTKCNEGPILELENLPQNGRQCYSCKGNSTHGCSSEETFLIDCRGPMNQCLV
ATGTHEPKNQSYMVRGCATASMCQHAHLGDAFMSNHIDVSCCTKSGCNHPDLDVQYRSGLEHHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.