

32-13363: PLAUR Human

Alternative Name : PLAUR, Monocyte Activation Antigen Mo3, U-PAR, UPAR, U-Plasminogen Activator Receptor Form 2, CD87 Antigen , CD87, URKR, MO3.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

PLAUR is one of 2 activators which convert the extracellular zymogen plasminogen to plasmin, a serine protease involved in a various normal and pathological processes that require cell migration and/or tissue destruction. PLAUR protein is synthesized and released from cells as a single-chain proenzyme with narrow enzymatic activity and is converted to an active two-chain disulfide-linked active enzyme by plasmin and other specific proteinases.

PLAUR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 291 amino acids (23-305 a.a.) and having a molecular mass of 32.5kDa (Molecular size on SDS-PAGE will appear at approximately 40-57 kDa). PLAUR is fused to a 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : PLAUR protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : LRCMQCKTNG DCRVEECALG QDLCRTTIVR LWEEGEELEL VEKSCETHSEK TNRTLSYRTG
LKITSLTEVV CGLDLCNQGN SGRAVTYSRS RYLECISCGS SDMSCERGRH QSLQCRSPEE
QCLDVVTHWI QEGEEGRPKD DRHLRGCGYL PGCPGSNGFH NNDTFHFLKC CNTTKCNEGP
ILELENLPQN GRQCYSCCKGN STHGCSSEET FLIDCRGPMN QCLVATGTHE PKNQSYMVRG
CATASMCQHA HLGDAFSMNH IDVSCCTKSG CNHPDLVDVQY RSGLEHHHHH H.