
Product Data Sheet

Product Name: SLURP1 Human Monomer
 Cat. No.: GP24610
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Secreted LY6/PLAUR Domain Containing 1; Lymphocyte Antigen 6-Like Secreted; Anti-Neoplastic Urinary Protein; ARS(Component B)-81/S; ARS Component B; SLURP-1; ANUP; ARS; Secreted Ly6/UPAR Related Protein 1; LY6LS; ArsB; MDM; SLURP1.		
Amino Acid Sequence	MKHHHHHHLK CYTCKEPMTS ASCRTITRCK PEDTACMTTL VTVEAEYPFN QSPVTRSCS SSCVATDPDS IGAAHLIFCC FRDLCNSEL.		
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. SLURP1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.		
Formulation	SLURP1 was filtered (0.4µm) and lyophilized from 0.5mg/ml solution in 20mM Tris buffer and 50mM NaCl, pH 8.0.		

Introduction

Secreted LY6/PLAUR Domain Containing 1 (SLURP1) belongs to the Ly6/uPAR family though lacks a GPI-anchoring signal sequence. It is assumed that the SLURP1 protein contains antitumor activity. SLURP1 is a marker of late differentiation of the skin. SLURP1 has been implicated in maintaining the physiological and structural integrity of the keratinocyte layers of the skin. The SLURP1 gene maps to the same chromosomal region as some members of the Ly6/uPAR family of glycoprotein receptors. SLURP1 gene mutations are linked with Mal de Meleda, a rare autosomal recessive skin disorder.

Stability

Store lyophilized protein at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a

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limited period of time; it does not show any change after two weeks at 4°C .

Background

SLURP1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Leu23-leu103) containing 89 amino acids including an 8 aa His tag at N-terminus. The total calculated molecular mass is 9.9kDa.

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