
Product Data Sheet

Product Name: Cadherin-E Human
 Cat. No.: GP23101
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Epithelial cadherin; E-cadherin; Uvomorulin; Cadherin-1; CAM 120/80; CD324 antigen; CDH1; CDHE; UVO; ECAD; LCAM; Arc-1; CD324; Cadherin-E.		
Amino Acid Sequence	iffcernpkpq viniidadlp pntspftael thgasanwti qyndptqesi ilkpkmalev gdykinlklm dnqnkdvtt lesvcdceg aagvcrkaqp veaglqi.		
Formulation	Cadherin-E protein (100µg/1ml) in 50mM Tris-HCl, pH7.5 and 10mM L-glutathione (reduced).		

Introduction

E-cadherin (uvomorulin, cell-CAM120/80) is a calcium dependent cell adhesion molecule expressed predominately in epithelial tissues. It plays an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Numerous studies have demonstrated that reduction and/or loss of Ecadherin expression in carcinomas correlates positively with the potential of these tumors for invasion and metastasis.

Stability

Store vial at -20°C to -80°C . When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

Background

Cadherin-E Human Recombinant (aa 600-707) expressed in E.coli, shows a 38 kDa band on SDS-PAGE. The Cadherin-E is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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