
Product Data Sheet

Product Name: EMCN Human
 Cat. No.: GP23399
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Endomucin; Endomucin-2; Gastric cancer antigen Ga34; Mucin-14; MUC-14; EMCN; EMCN2; MUC14.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMNSTGV LEAANNSLVV TTTKPSITTP NTESLQKNVV TPTTGTPPKG TITNELLKMS LMSTATFLTS KDEGLKATTT DVRKNDSIIS NVTVTSVTLP NAVSTLQSSK PKTETQSSIK TTEIPGSVLQ PDASPSKTGT LTSIPVTIPE NTSQSQVIGT EGGKNASTSA TRSYSS.		
Formulation	EMCN protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 100mM NaCl.		

Introduction

Endothelial sialomucin (Endomucin) interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix. Endomucin is expressed in the heart, kidney and lung.

Stability

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.

Background

EMCN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 197 amino acids (19-190 a.a) and having a molecular mass of 20.5kDa. EMCN is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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