

EMCN Human

Description: 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.

Catalog #: PRPS-1163

For research use only.

Synonyms: Endomucin, Endomucin-2, Gastric cancer antigen Ga34, Mucin-14, MUC-14, EMCN, EMCN2, MUC14.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMNSTGV LEAANNSLVV
TTTKPSITTP NTESLQKNVV TPTTGTPKG TITNELLKMS LMSTATFLTS KDEGLKATTT
DVRKNDISI NVTVTSVTL P NAVSTLQSSK PKTETQSSIK TTEIPGSVLQ PDASPSKTGT
LTSIPVTIPE NTSQSQVIGT EGGKNASTSA TSSSYSS.

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

EMCN protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 100mM NaCl.

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.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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