Recombinant Human mucin-like 1, His-tagged

Cat. No. MUCL1-657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MUCL1, 21-90aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	21-90 a.a.
Description	MUCL1 may play a role as marker for the diagnosis of metastatic breast cancer. This protein is expressed in mammary, salivary glands and prostate. Recombinant human MUCL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol
Molecular Mass	9.3 kDa (93aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSNPTTAAP ADTYPATGPA DDEAPDAETT AAATTATTAA PTTATTAAST TARKDIPVLP KWVGDLPNGR VCP
Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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Concentration	0.25 mg/ml (determined by BCA assay)

GENE INFORMATION

Gene Name	MUCL1 mucin-like 1 [Homo sapiens]
Official Symbol	MUCL1
Synonyms	SBEM
Gene ID	118430
mRNA Refseq	NM_058173.2
Protein Refseq	NP_477521.1
MIM	610857
UniProt ID	Q96DR8
Chromosome Location	12q
Pathway	Metabolism of proteins, organism-specific biosystem;O-linked glycosylation of mucins, organism-specific biosystem;Post-translational protein modification, organism-specific biosystem;Termination of O-glycan biosynthesis, organism-specific biosystem;

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