

Recombinant Rat Muc4 Protein, His-tagged

Cat. No. Muc4-1805R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Muc4 Protein (Pro1141-Pro1316) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Pro1141-Pro1316
Description	Enables ErbB-2 class receptor binding activity. Involved in several processes, including estrous cycle; negative regulation of T cell mediated cytotoxicity directed against tumor cell target; and negative regulation of cell adhesion. Located in several cellular components, including apical plasma membrane; extracellular space; and microvillus membrane. Part of protein-containing complex. Colocalizes with endoplasmic reticulum. Biomarker of cholangiocarcinoma; corneal neovascularization; mucositis; and otitis media. Human ortholog(s) of this gene implicated in pancreatic cancer. Orthologous to human MUC4 (mucin 4, cell surface associated).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.3 kDa Accurate Molecular Mass: 24 kDa
Purity	> 90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Muc4 mucin 4 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Muc4
Synonyms	MUC4; mucin 4; ASGP-1;
Gene ID	303887
mRNA Refseq	XM_039088927
Protein Refseq	XP_038944855
UniProt ID	Q63661

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA