

Recombinant Full Length Rat Mucin-4(Muc4) Protein, His-Tagged

Cat. No. RFL1262RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Mucin-4(Muc4) Protein (Q63661) (1616-2344aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (1616-2344)
Form	Lyophilized powder
AA Sequence	DPHITTLDNAKYTFNGLGYFLLVQAQDRNSSFLLEGRTAQTDSANATNFIAFAAQYN TSS LKSPITVQWFLEPNDTIRVVHNNQTVAFNSTSDTECLPVFNATGVLLIQNGSQVS ANFDGT VTISVIALSNILHASSSLSEEYRNHTKGLLGWVNDNPEDDFRMPNGSTIPS NTSEETLFH YGMTSETNGIGLLGVRTDPLPSEFTPIFLSQLWNKSGAGEDLISGCNE DAQCKFDILATG NRDIGQSTNSILRTRFHVNGTLNQYPPPIHYSSKIQAYKGREQWP LRSPATLRMSYSASP TSAVAFELFENGSLHVDNIPRRTYLEILARDVKTNLSSVLQP ETVACFCSKEEQCLYNE TSKEGNSSTEVTSCCKDGNSTFGRCLCEHSDKDLCTEPCFP NVDCIPGKGCQACPPNMTGDGR HCVAVEISEFCQNHSCPVNYCYNHGHCDISGPP DCQPTCTCAPAFTGNRCFLAGNNFTPI IYKELPLRTITLSLREDENASNADVNASVAN VLENLDMRAFLSNLSLVELIRTSPGAPVLG KPIHHWKVVSFHKYRPRGPLIHYLNNQLI SAVMEAFLLQARQERRKRSGEARKNVRFFPI SRADVQDGMALNLSMLDEYFTCDG YKGYHLVYSPQDGVTCVSPCSEGYCHNGGQCKHLPD GPQCTCATFSIYTSWGER

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CEHLSVKLGAFFGILFGALGALLLLAILACVVFHFCGCSMNK FSYPLDSEL

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

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Muc4

Synonyms Muc4; Smc; Mucin-4; MUC-4; Ascites sialoglycoprotein; ASGP; Pancreatic adenocarcinoma mucin; Pre-sialomucin complex; pSMC; Sialomucin complex; Testis mucin

UniProt ID [Q63661](#)

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