

Recombinant Full Length *Loxodonta Africana* Suppressor Of Tumorigenicity 7 Protein(St7) Protein, His-Tagged

Cat. No. RFL1019LF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Loxodonta africana* Suppressor of tumorigenicity 7 protein(ST7) Protein (Q108U3) (1-585aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *Loxodonta africana* (African elephant)

Source *E. coli*

ProteinLength Full Length (1-585)

Form Lyophilized powder

AA Sequence

MAEAGTGFLEQLKSCIVWSWTYLWTVWFFIVLFLVYILRVPLKINDNLSTVSMFLNLT
 TP KFYVALTGTSSLISGLILIFEWWYFRKYGTSTFIEQVSVSHLRPLLGGVDNNSNNS
 NSSN GDSDSNRQSVSECKVWRNPLNLFRTGAEYNRYTWVTGREPLTYDMNLSAQ
 DHQTFFTCDS DHMRPADAIMQKAWRERNPQARISAAHEALEINEIRSRVEVPLIASS
 TIWEIKLLPKCAT AYILLAEAEATTIAEAEKLFKQALKAGDGCYRRSQQLQHHGSQYE
 AQHRRDNLVYIKR RLAMCARRLGRTRAVKMMRDLMKEFPLLSMFNIHENLLEA
 LLELQAYADVQAVLAKYDD ISLPKSATICYTAALLKARAVSDKFSPEAASRRGLSTAE
 MNAVEAIHRAVEFNPHVPKYL LEMKSLILPPEHILKRGDSEAIYAFFHLAHWKRVEG
 ALNLLHCTWEGTFRMIPYPLEKG HLFYPYPICTETADRELLPSFHEVSVYPKKEPFF
 ILFTAGLCSFTAMLALLTHQFPELM GVFAKAMIDIFCSAEFRDWNCKSIFMRVEDELD
 IPPAPQSQHFQN

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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 multiple 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	ST7
Synonyms	ST7; Suppressor of tumorigenicity 7 protein
UniProt ID	Q108U3

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