

Figure 1: Predicted Protein Sequence

1	<u>ADPHHHHHH</u>	<u>HSSSDYSDLQ</u>	<u>RVKQELLEEV</u>	<u>KKELQKVKEE</u>	<u>II EAFVQELR</u>
51	<u>KRGSLVPRGS</u>	<u>PSRSEFVTLA</u>	<u>GNSLCSISG</u>	<u>WAIYTKDNSI</u>	<u>RIGSKGDV FV</u>
101	<u>IREFFISCSH</u>	<u>LECRFFFLTQ</u>	<u>GALLNDKHSN</u>	<u>GTVKDRSPYR</u>	<u>ALMSCPLGEA</u>
151	<u>PSPYNSKFES</u>	<u>VAWSASACHD</u>	<u>GMGWL TIGIS</u>	<u>GPDNGAVAVL</u>	<u>KYNGIITGTI</u>
201	<u>KSWKKQILRT</u>	<u>QESECVMNG</u>	<u>SCFTIMTDGP</u>	<u>SNKAASYKIF</u>	<u>KIEKGKVTKS</u>
251	<u>IELNAPNFHY</u>	<u>EECSCYPTG</u>	<u>IVMCVCRDNW</u>	<u>HGSNRPWVSF</u>	<u>NQNL DYQIGY</u>
301	<u>ICSGVFGDNP</u>	<u>RPEDGE GSCN</u>	<u>PVTVDGANGV</u>	<u>KGFSYKYDNG</u>	<u>VWIGRTKSNR</u>
351	<u>LRKGFEMIWD</u>	<u>PNGWTNTDSD</u>	<u>FSVKQDVVAI</u>	<u>TDWSGYSGSF</u>	<u>VQHP ELTGLD</u>
401	<u>CIRPCFWVEL</u>	<u>VRGLPRENTT</u>	<u>IWTSGSSISF</u>	<u>CGVNSDTANW</u>	<u>SWPDGAELPF</u>
451	<u>TIDK</u>				

Plasmid-derived amino acids – Residues 1 to 3 and 61 to 66

Octa-histidine tag – Residues 4 to 11

Tetramerization domain – Residues 12 to 54

Thrombin cleavage sequence – Residues 55 to 60

**NA protein – Residues 67 to 454** (represents amino acid residues 83 to 470)