

Recombinant Protein Project QA Report

Date:	2011-03-19
Order #:	PE110102
Lot #:	20140321
Protein Description:	18 mg, >85%, soluble protein with 6His tag from E. coli;
Protein Concentration:	1.5 mg/ml, as determined by Bradford protein assay with BSA as a standard.
Final Prep:	1.0mL/vial; 12 vials.
Purity:	>85 % as estimated by a Coomassie blue-stained SDS-PAGE gel
Storage Buffer:	20mM Tris.HCL, pH7.5, 0.1M NaCL, 20% Glycerol
Storage:	Immediate Storage at -20°C upon Receiving! At first use, aliquot and store at -20°C to avoid multiple freeze-thaws.
Intended Use:	This product is intended for research use only. It is not for any human or animal diagnostic and therapeutic use.

Isoelectric Point, Molecular Weight, Protein Sequence:

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1  MHHHHHHSSG LVPRGSGMKE YPIHELANVL MDSPDLGTDD DDKMGDHNLN
51  VQELLNLFQN LGISRQPNHR EVVGLRMTGG WWGPGTRYNL VSIFLQDDSG
101 QPLQQPRWRP YPIHELANVL NTIEAPWGD LRAFEDLDVA EGT LRFGLPLA
151 NGNWIPGDEY SMEFQPPLAQ EIAQLQRDEM EEILDITGQI CAQVIDLVDM
201 YPIHELANVL RLQDRPGLRD NLPVAGIQAP PSSPIGQPIA SSSLQPVPGS
251 SQSSADLGWE SGAPGQIDPR LSRVAYNPFL PGPSDGS GGS IPVQPSAPPA
301 VLP SLP SLPA PVAQPVVQYV VPPAPAPQAI PIQHIRAVTG NTPTNPRDIP
351 MWLGRHSAAI EGVFPMTTPD LRCRVVNALI GGSLGLSLEP IHCVNAAVV
401 AALYVVRTHGS YPIHELANVL RAVVNQEGVA TGFQLGIMLS NQDFNLVWGI
451 LRPLLPGQAV VTAMQQRLDQ EVSDAARIAS FNGHLNDIYQ LLGLNARGQS
501 ITRTQSSSIS GTSTSTGRGR RGQRNQQQSG QQQQQQARRS NQGNQRQRNN
551 NQRQSSGNNQ GQGGQGGYNL RPRTYQPQRY GGGRRRWND NQQQQQAQPG
601 RSADQPRSQS QQPQTEARGD QSRTSGAGRG QQQGGNQNRN QRRADANNT R
651 NVDTVTVT TTT SSSTTGSGQN YPIHELANVL SRNQGD
  
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Protein Length=686 MW=74,216 Da Predicted pI=8.43

Quality Assurance: M1: SDS-PAGE Protein Marker Lane 1: PE110102 protein
 M2: Western-Blot Protein Marker Lane 2: PE110102 protein
 (using Anti-6His antibody)

