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SportsPress Pro – WP Theme – Professional Sports Platform – sports press pro nulled and 60 SportsPress Pro is a modern, fully responsive WordPress theme for sports clubs. It was built with HTML5 and CSS3 and sports press compatible. Jan 15, 2020 Category: WordPress Category: History of sport Category: History of sport in France Category: History of sport in Sweden Category: Sports media Category: The Big House

In vitro protein engineering of periplasmic Rnf complex from *Escherichia coli* and its characterization. The Rnf complex is involved in the transport of electrons from reduced ferredoxin to the cell surface in most organisms and controls the dissipation of electrons in the cell. We have cloned the genes encoding RnfC, RnfG and RnfH, involved in electron transport, from the thermophilic bacterium *Geobacillus thermodenitrificans* and expressed them in *E. coli*. These genes were amplified with PCR from the genomic DNA of the strain and cloned into the T7 expression vector pET22b(+) using the restriction sites NdeI and XhoI. The *E. coli* expression vector pET22b(+)-rnfCGH resulted in an active Rnf complex as evidenced by its ability to transfer electrons from reduced ferredoxin to either ferredoxin or cytochrome c. The optimal pH and temperature for the activity of the Rnf complex were pH 7.0 and 80 degrees C, respectively. Activity assays, using H<sub>2</sub>O<sub>2</sub> as the electron acceptor, showed that the complex transfers electrons from reduced ferredoxin to H<sub>2</sub>O<sub>2</sub>. Partial amino acid sequencing of the RnfC- and RnfG-containing fragment of the protein confirmed the identities of the cloned genes as RnfC and RnfG, respectively. RnfC, which has 8 potential redox centers, was subjected to mutagenesis by site-directed mutagenesis. In addition, RnfG was cloned in an expression vector pET11d(+) with its native signal sequence. The N-terminal sequence of RnfG was also confirmed to be the native signal sequence. When expressed in *E. coli*, the native RnfG protein was co-purified with its cognate chaperone RnfH in soluble and active form. 2d92ce491b