

Purification and Amino Acid Sequence of Fructose-1,6-bisphosphate Aldolase from the Electric Organ of *Electrophorus electricus* (L.)

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A soluble fructose-1,6-bisphosphate aldolase enzyme has been purified 50.2-fold (2.36%) at the homogeneity from the electric organ of *Electrophorus electricus* by one step of DEAE-52 anion exchange chromatography followed by Superose-12 gel filtration-FPLC. Like other aldolase enzymes the *E. electricus* protein is a dimer with two identical subunits of 45 kDa. The *N*-terminal (20 residues) revealed a high homology with *S. aurata* (75%, goldfish), *R. rattus* and *M. musculus* (mouse, 80%) enzymes.

Key words: Fructose-1,6-bisphosphate Aldolase, *Electrophorus electricus* (L.), Purification