

Superoxide Dismutase 1 (SOD1)

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1 Overall function

1.1 Prevention of neuronal degeneration

Superoxide dismutases are a group of enzymes that eliminate oxygen free radicals that, although products of normal cell metabolism, have been implicated in neurodegeneration¹.

2 Types

2.1 SOD1

2.1.1 Function

a gene that encodes the copper-zinc superoxide dismutase enzyme¹

2.1.2 Mutation

one of 100s of mutations in SOD1 have been linked to hereditary [ALS](#)¹.

1. O'Sullivan SB, Schmitz TJ, Fulk GD, eds. *Physical Rehabilitation*. 7th ed. F.A. Davis Company; 2019.