

Upper motor neuron

Upper [motor neurons](#) are motor neurons that originate either in the [motor cortex](#) or in the [brainstem](#) and carry motor information down to the [lower motor neurons](#).

The main effector or motor neurons (efferent neurons) for voluntary movement lie within layer V of the primary motor cortex and are a type of giant pyramidal cell called Betz cells. The cell bodies of these neurons are the largest in the brain, approaching nearly 0.1mm in diameter.

see [Upper motor neuron syndrome](#).

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