

Product sheet

**Cell Line** BV2 | 305156

**General Information**

**Description** BV2 is a cell line derived from C57BL/6, which is a mouse embryonic fibroblast cell line. It is characterized by its high proliferation rate and its ability to differentiate into various cell types. BV2 cells are commonly used in research related to neurodegenerative diseases, particularly Alzheimer's disease, due to their ability to express amyloid-beta and tau protein. The cells are maintained in a serum-free medium and are typically used in primary cell culture. BV2 cells are also known for their ability to form neurofibrillary tangles, which is a hallmark of Alzheimer's disease. The cells are derived from a mouse strain that is genetically predisposed to develop Alzheimer's disease. BV2 cells are a valuable tool for studying the pathogenesis of Alzheimer's disease and for testing potential therapeutic interventions.

**Organism** Mouse

**Tissue** Brain

**Synonyms** BV-2

**Genetic Information**

**Breed/Subspecies** C57BL/6

**Age** 1-2 weeks

**Gender** Male

**Morphology** Fibroblastic

**Growth properties** Adherent

**Characterization**

**Citation** BV2 (Cell Line) Cytion 305156

**Biosafety level** 1

**NCBI\_TaxID** 10090

**CellSaurusAccession** CVCL\_0182



