

DATA SHEET

Product Name: APP 669-711, HCl

Catalog #: AP-1156

Source: Recombinant. A DNA sequence encoding the human APP669-711 sequence was expressed in E. coli

Molecular Mass: 4,688 Da theoretical

Protein Purity: >97% by Mass Spec.

Counter Ion: HCl

Supplied As: White lyophilized powder

Resuspension: Resuspend in 1% NH₄OH at conc. of .1-1 mg/ml. Recommended to briefly centrifuge to ensure full resuspension of product.

Storage: -20°C

Description: Amyloid precursor protein (APP) is a membrane spanning protein that functions as the precursor to amyloid beta in plaques of Alzheimer's disease patients. There are three major isoforms which have 695, 751, and 770 amino acids. The protein has a role in neuronal stem cell development, neuronal survival, neurite outgrowth, and neurorepair¹. Recently, APP669-711 was shown to serve as a blood-based biomarker².

References:
1. Dawkins, et al., (2014) J Neurochem., 129 (5) : 756-769
2. Nakamura, et al., (2018) Nature, 554 (7691) : 249-254

For research use only. Not for use in humans.