

## 32-13440: SNCA E46K, Human

### Alternative Name :

SNCA, NACP, PARK1, alpha-Synuclein, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, Alpha synuclein, Alpha-synuclein isoform NACP140, alphaSYN, MGC105443, MGC110988, MGC127560, MGC64356, Non A beta component of AD amyloid, Non A4 component of amyloid precursor, Non-A-beta component of alzheimers disease amyloid, precursor of PARK 1, PARK 4, PARK4, Parkinson disease familial 1, PD 1, PD1, Synuclein alpha.

### Description

Source: E.coli.

Sterile Filtered colorless solution.

SNCA or Alpha-synuclein is a protein with undisclosed function that mainly concentrated in the brain tissue, mainly in the tips of the neurons in the presynaptic terminals. Almost 1% of the proteins in the brain tissues are synucleins. The protein is located mainly in the hippocampus, thalamus, cerebellum & neocortex. Smaller amounts of the SNCA protein can be found in the neuroglial cells. The MITF protein regulates the SNCA expression in melanocytic cells.

SNCA E46K Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (1-140a.a.) and having a molecular mass of 14.4kDa. SNCA is purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 10 µg / 50 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** SNCA protein solution (1mg/ml) containing 20 mM Tris-HCl buffer (pH 7.5) and 0.1 M NaCl.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV GSKTKKGVVH GVATVAEKT  
EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP  
DNEAYEMPSE EGYQDYEPEA