

## Recombinant Amyloid Beta Peptide 1-40 (Ab1-40)

Catalog No.: GXP87074 100µg

### Sequence Information

**Species:** Human

**Gene ID:**351

**Swiss Prot:**P05067

**Synonyms:**APP

**Residues:**Asp672~Val711

DAEFRHDSG YEVHHQKLVF FAEDVGSNKG AIIGLMVGGV V

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:** Two N-terminal Tags, His-tag and SUMO-tag

**Subcellular Location:** Membrane, Nucleus, Secreted.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 5%Trehalose.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 5.4

**Predicted Molecular Mass:** 18.0kDa

**Accurate Molecular Mass:** 21kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

