

## SPECIFICATION SHEET

**Product Name:** Recombinant AB1-42-4      **Catalog #:** L2B010

**Description:** Recombinant mature Human AB1-42;

**Biological activity** Amyloid beta peptide(AB1-42) is a major cause of Alzheimer's Disease(AD) ,It is the main component of senile plaques,which is thought to exert toxic effects toward neurons. Expressed in all fetal tissues examined with highest levels in brain, kidney, heart and spleen. In adult brain, highest expression found in the frontal lobe of the cortex and in the anterior perisylvian cortex-opercular gyri.

**Expression host** BL21

**Format:** Purified, Liquid

**Purification:** >85% pure (SDS-PAGE).

**Concentration&Lot:** 1.0mg/ml      **Lot :** L170601

**Buffer:** 0.01M PBS, pH 7.5

**Preservative:** None

**Applications:** Suitable for use in Immunoassays, Western blot and immunogen for antibody production. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage&Shelf life:** Store at -20°C for 3 years. Avoid multiple freeze/thaw cycles.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.