

Recombinant Human LRP10 Protein (His tag)

Cat.NO.: TP06897

3th Edition

Synonyms:LRP9;MST087;MSTP087

Description:Various members of the low-density lipoprotein receptor (LDLR) family have been reported to play a role in APP trafficking and processing and are important risk factors in AD.LDLR-related protein 1 (LRP1) shuttles between the trans-Golgi Network (TGN), plasma membrane (PM), and endosomes.LRP1 is a functional APP receptor involved in APP trafficking and processing. LRP1 interacts directly with the ectodomain of APP and colocalizes with APP at the TGN. LRP1 is a novel APP sorting receptor that protects APP from amyloidogenic processing, suggesting that a decrease in LRP1 function may contribute to the pathogenesis of Alzheimer's disease.

Form:PBS

Molecular Weight:47.5kDa

Sequences:Met 1-Lys 440

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.