
Recombinant Human Statherin / STATH Protein (Fc tag)**Cat.NO.: TP06802**

3th Edition

Synonyms:STATH;STR

Description:Statherin, also known as STATH, belongs to the histatin/statherin family. Statherin may play an important role in the maintenance of oral health.It prevents calcium phosphat precipitation in saliva, so maintaining a high calcium level in saliva and preventing teeth from dissolving. Statherin also inhibits spontaneous precipitation of calcium phosphate salts. Thus, statherin and PRPs may prevent build-up of harmful deposits in the salivary glands and on the tooth surfaces.Statherin is a highly stable salivary protein of low molecular mass (5,380). Sabatini et al. synthesized mixed oligonucleotides based on the known amino acid sequence of statherin and used these to screen a cDNA library constructed from human parotid gland mRNA.

Form:PBS**Molecular Weight:**31.6 kDa**Sequences:**Met 1-Phe62**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.