

Recombinant Human S100 Calcium Binding Protein P/S100-P Protein(N-6His)

Cat.NO.: TP06099

3th Edition

Synonyms:Protein S100-P; Protein S100-E; S100 Calcium-Binding Protein P; S100P; S100E

Description:Protein S100-P (S100P) belongs to the S100 family of Calcium-Binding Proteins. S100P is 95 amino acids in length and it contains 2 EF-Hand Calcium-Binding Motifs. The EF-Hand Motif binds calcium, which likely alters molecular conformation. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells and it is involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. In addition to binding Ca, S100P also binds Zn and Mg, and may play a role in the etiology of prostate cancer.

Form:PBS

Molecular Weight:12.6 kDa

Sequences:Met 1-Lys95

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.