

Recombinant Human Dehydropeptidase-I / DPEP1 Protein (His tag)

Cat.NO.: TP07135

3th Edition

Synonyms:MBD1;MDP;RDP

Description:Dehydropeptidase-I, also known as DPEP1, is a kidney membrane enzyme. Its expression in normal colonic mucosa is very low, but it is highly expressed in colorectal adenoma and cancer specimens and is negatively correlated with parameters of pathological aggressiveness and poor prognosis. The overexpression of DPEP1 suppressed tumor cells invasiveness and increased sensitivity to chemotherapeutic agent Gemcitabine. Growth factor EGF treatment decreased DPEP1 expression. Dehydropeptidase-I may be a candidate target in PDAC for designing improved treatments. It uses zinc as a cofactor and acts as a disulfide-linked homodimer.

Form:PBS

Molecular Weight:42.5 kDa

Sequences:Met 1-Ser385

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.