

Recombinant Human TFAP2C / AP2-GAMMA Protein (His tag)

Cat.NO.: TP06495

3th Edition

Synonyms:AP2-GAMMA;ERF1;hAP-2g;TFAP2G

Description:TFAP2C, also known as AP2-GAMMA, is a member of the activating protein 2 family of transcription factors. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. TFAP2C may be prognostic indicators for patients with breast tumors. TFAP2C gene has been tested for association to diseases (Breast Neoplasms; Carcinoma) and proposed to participate in processes (cell-cell signaling, male gonad development, regulation of transcription from RNA polymerase II promoter). Proteins are expected to have molecular functions (DNA binding, protein binding, protein dimerization activity, transcription factor activity) and to localize in various compartments (membrane, nucleus).

Form:PBS

Molecular Weight:12.3 kDa

Sequences:Leu128-Val223

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.